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Accusatus:-


Acc. of Swearing  
Predicate  
Specification  
Limit of Motion (and to which)  
Extent.  
Adverbial  
Part affected  
Cognate  
Ruh. of Inf.  
Direct Obj. vt or prep.  
Apposition  
Acc. Abs. - part. of  
impersonal verb.  
Double Acc. - call him  
John.

Genitive.

Possessive  
Partitive  
Objective - Subjective  
Absolute  
With prep  
" passive verbs.  
" adjs.  
Time within which  
Compound verbs.  
Preparation  
Descriptive (day of 100)  
Price or value  
Comparatives (without to)  
Source, cause + personal  
Agent with  $\delta\tau\omega$   $\alpha\tau\omega$   $\tau\omega$

Dative

Agent (Passive &  $\delta\tau\omega$ )  
Means  
Specification  
Request of Diff.  
Ind. Obj.  
Interest (for me)  
Adv. or disadv.  
Possession



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# A GRAMMAR

OF

# ATTIC AND IONIC GREEK

BY

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## FREDERICK DEFOREST ALLEN

ON August 4, 1897, occurred the sudden death of FREDERICK DEFOREST ALLEN, Ph.D., Professor of Classical Philology in Harvard University. Of the loss which classical scholarship has suffered by his death I need not speak here. His thoroughness and accuracy, his intrepid regard for the truth, and his keen, unbiased judgment are well known both to his former pupils and to the larger world which has read his published writings.

Shortly before his death he invited me to join with him in compiling a small Greek Grammar. During the two weeks immediately preceding his death we had worked together as far as the third declension, and had discussed somewhat the general plan of the book. After his death the publishers expressed a desire that I should complete the work which had been thus begun—a desire with which I could not refuse to comply. The task has been one of sadness and of joy: of sadness, because at every turn I missed the strong counsel of a consummate scholar; of joy, at the thought that I might thus, even in some slight measure, help to perpetuate the memory of a man whose name will always stand for what is highest and best in scholarship.

To the memory of FREDERICK DEFOREST ALLEN this book is affectionately inscribed.

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FRANK COLE BABBITT.

—  
AT. AND ION. GREEK.

W. P. 3

## PREFACE

THIS grammar has for its purpose to state the essential facts and principles of the Greek language in concise form, with only so much discussion as may reasonably be demanded for a clear understanding of the subject.

While in recent years the ability to *read* a language has rightly come to be regarded as the proper test of a real knowledge of it, this point of view, so far from belittling the study of formal grammar, more than ever insists that a thorough knowledge of the essentials of the grammar is the most important part of the equipment of him who would read a language with ease. By essentials is meant no antiquated lore about the vocative of θεός or of ἀδελφός, but the recurrent facts of inflection and syntax, — nominative *χώρᾱ*, genitive *χώρᾱς*, and so forth, — with such side lights as can be brought to bear to make these facts easier of acquisition and comprehension. A considerable experience in elementary teaching has convinced me that explanations are extremely useful, even to very young pupils; and I am persuaded that an occasional appeal to the reason rather than to the sheer memory of the pupil will not always prove futile.

The work was begun in collaboration with the late Professor Frederick de Forest Allen, and, in justice to his memory, it is proper to state that pages 13–36 and 40–46 stand practically as they were composed by Professor Allen and myself working together. For the remainder I am solely responsible.

It was the intention at the beginning to prepare a grammar for use in the secondary schools. As the work progressed, however, I found that, with but a slight increase of bulk, it would be possible to include also as much grammatical information as is usually required by students in college. With these additions, this work meets the needs of secondary schools, and at the same time is sufficient for all ordinary demands of the college course.

The book incorporates the results of the more recent philological studies. The doctrine of the Ablaut is stated untechnically, and it is given proper prominence in inflection and word formation. Due regard is paid to the fact that analogy plays an important part in language, and that the context is not to be neglected in determining the exact significance of mode and tense.

Ionic forms are given in footnotes instead of being combined with Attic forms, and this arrangement is followed also in the Syntax and the verb list; the reason for so doing is apparent to anybody who has ever taught Greek prose composition.

Contract forms are given in the contracted form followed by the uncontracted form (which is often purely theoretical) in parentheses, and it is hoped that pupils will realize that the Attic Greeks said *ποτῶ*, and not *ποτέω*.

In the examples under Inflection and Word Formation the letter or syllable to which attention is directed is made prominent by full-faced type; in the Syntax the same result is accomplished by spacing the word.

The paradigms have been written to conform to our present knowledge, although some matter has been retained solely because it has become so engrafted in current texts that it could not be omitted.



So, also, in the matter of Homeric forms, I have, I trust, given due consideration to the vulgate. A few things I have omitted entirely; others I have recorded for the reason given in the preceding paragraph. Yet I am convinced that if our schools should adopt a fairly conservative text of the Homeric poems like that of Caer, from which assimilated verbs and forms like *Αἰόλου, σπῆμι*, and the like, have been banished, it would lighten the task of instruction, and the time given to explaining unnecessary forms could be better devoted to other purposes.

In selecting examples to illustrate the chapter on Syntax, I have given preference to those from authors and works commonly read at the earlier stages of the pupil's progress. By printing the examples in the same type as the rest of the matter, the number of pages in the chapter on Syntax has been considerably increased, but the gain in clearness, and in the prominence of the examples, more than offsets the apparent increase in bulk.

In the treatment of Syntax I have been conservative, although I have allowed myself some license in changing the conventional arrangement of the material.

In addition to the books mentioned on pages 6 and 7, I have found helpful also the two well-known grammars of this country, as well as those of Sonnenschein, Kaegi, Lattmann-Müller, and Hahne's *Griechische Syntax*.

Space does not permit me to enumerate all the friends who by advice or suggestion have given me help, but I desire in particular to express my gratitude to Professor George Edwin Howes of the University of Vermont, who has read at least twice every portion of the proofs. To his scholarship and sound common sense I am indebted for many helpful suggestions and corrections. Likewise

to Professor Clifford H. Moore and Mr. William Fenwick Harris of Harvard University, who have also read the proofs, I am indebted for numerous corrections and helpful suggestions. Others whom I should like to mention also by name I am obliged to include in a general acknowledgment.

I shall be grateful for corrections and suggestions from any source.

FRANK COLE BABBITT.

HARTFORD, CONNECTICUT,  
March, 1901.

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No conscientious teacher will find answered in this book all of the many perplexing questions which will arise in his mind. The following list contains the titles of the most important modern works on Greek Grammar, in which such questions are fully discussed (and sometimes answered):

KÜHNER, R. Ausführliche Grammatik der griechischen Sprache. 3te Auflage in neuer Bearbeitung besorgt von Friedrich Blass. Hannover, 1890-1898. 8vo.

Teil I. 1, 2. Elementar- und Formenlehre. S. xxiii + 645, xi + 652. Teil II. 1. Satzlehre. In neuer Bearbeitung besorgt von Bernhard Gerth. S. ix + 666.

(The most comprehensive work on Greek grammar. A model of careful and accurate scholarship. Thoroughly conservative.)

MEYER, GUSTAV. Griechische Grammatik. 3te Auflage. S. xviii + 715. Leipzig, 1896. 8vo. (Bibliothek indogermanischer Grammatiken. Bd. III.)

(Deals with the sounds and inflections only, from the point of view of Comparative Grammar. Full, accurate, and moderately conservative.)

BRUGMANN, KARL. Griechische Grammatik. (Lautlehre, Stammbildungs- und Flexionslehre und Syntax.) 3te Auflage. S. xix + 632. München, 1900. 8vo. (*In Müller, I. von. Handbuch der Klassischen Altertums-Wissenschaft. Bd. II. Abt. 1.*)

(Written from the point of view of Comparative Grammar. Briefer than Meyer, and more radical.)

MEISTERHANS, K. Grammatik der attischen Inschriften. 3te Auflage. S. XIV. + 288. Berlin, 1900. 8vo.

(Deals with inscriptions only. Most of the results are embodied in Kühner-Blass.)

GILDERSLEEVE, B. L. Syntax of Classical Greek from Homer to Demosthenes. Pt. I. N. Y., 1900. 8vo.

(Clear and accurate in statement, and remarkable for the excellent collection and arrangement of examples.)

GOODWIN, WM. WATSON. Syntax of the Moods and Tenses of the Greek Verb. Rewritten and enlarged. pp. xxxii + 464 + 8. Boston, U.S.A., 1890. 8vo.

(Deals fully and thoroughly with the syntax of the verb.)

BLOSS, FRIEDRICH. Pronunciation of Ancient Greek. Tr. from the 3d German ed. by W. J. Purton. Cambridge, Eng., 1890. 8vo.

(A careful collection and consideration of the evidence relating to the pronunciation of ancient Greek.)

SMYTH, HERBERT WEIR. The Sounds and Inflections of the Greek Dialects. Ionic. pp. xxviii + 668. Oxford, 1894. 8vo.

(Thoroughly accurate and reliable. Contains a full treatment of the dialect of Herodotus.)

VAN LEEUWEN, J. Enchiridium Dictionis Epicae. pp. lxxii + 606. Lugd. Batavorum, 1892-1894. 8vo.

(Entirely radical, but invaluable for the very full collection of material which it contains.)

MONRO, D. B. A Grammar of the Homeric Dialect. 2d ed. pp. xxiv + 436. Oxford, 1891. 8vo.

(Deals more particularly with Homeric syntax. Accurate, reliable, but very conservative.)

# CONTENTS

INTRODUCTION		PAGE
The Greek Language . . . . .	11	
WRITING AND SOUND		
Alphabet . . . . .	13	
Vowels . . . . .	14	
Diphthongs . . . . .	15	
Breathings . . . . .	16	
Consonants . . . . .	17	
Interchange of Vowels . . . . .	18	
Contraction of Vowels . . . . .	21	
Omission of Vowels . . . . .	22	
Consonant Changes . . . . .	22	
Consonants with Vowels . . . . .	25	
Rejection or Transfer of Aspiration . . . . .	26	
Hiatus (Crisis and Elision) . . . . .	26	
Movable Consonants . . . . .	28	
Final Consonants . . . . .	29	
Syllables and Quantity . . . . .	29	
Accent . . . . .	30	
Proclitics and Enclitics . . . . .	34	
Punctuation . . . . .	36	
INFLECTION		
NOUNS . . . . .	37	
Case Endings . . . . .	38	
Substantives . . . . .	39	
First Declension . . . . .	40	
Second Declension . . . . .	44	
Attic Second Declension . . . . .	46	
Third Declension . . . . .	47	
Consonant Stems . . . . .	49	
Vowel Stems . . . . .	56	
Irregular Declension . . . . .	60	
Adjectives . . . . .	64	
First and Second Declensions . . . . .	64	
Third Declension . . . . .	68	
First and Third Declensions . . . . .	71	
Irregular Declension . . . . .	74	
Declension of Participles . . . . .	75	
Comparison of Adjectives . . . . .	79	
Adverbs . . . . .	81	
Pronouns . . . . .	83	
Numerals . . . . .	93	
VERBS . . . . .	96	
Voice . . . . .	96	
Mode . . . . .	97	
Tense . . . . .	98	
Person and Number . . . . .	100	
Personal Endings . . . . .	101	
Inflection (-ω Form and -μ Form) . . . . .	102	
Augment . . . . .	105	
Reduplication . . . . .	108	
Accent of the Verb . . . . .	110	
Formation of Tense Stems . . . . .	110	
The Present System . . . . .	113	
The First Aorist System . . . . .	118	
The Second Aorist System . . . . .	120	
The Future System . . . . .	123	
The First Perfect System . . . . .	124	
The Second Perfect System . . . . .	125	
The Pluperfects Active . . . . .	126	
The Perfect Middle System . . . . .	127	
The Future Perfect . . . . .	129	
The First Aorist Passive System . . . . .	129	
The Second Aorist Passive . . . . .	130	
The Futures Passive . . . . .	131	
The Verbal Adjectives . . . . .	132	
Synopsis of παιδεύω . . . . .	133	
Paradigms of -ω Verbs . . . . .	135	
Paradigms of -μ Verbs . . . . .	145	
Second Perfect without Suffix . . . . .	151	
Irregular Verbs in -μ . . . . .	152	
FORMATION OF WORDS		
Derivative Words . . . . .	158	
Formation of Substantives . . . . .	161	
Formation of Adjectives . . . . .	166	
Formation of Adverbs . . . . .	168	
Formation of Verbs . . . . .	169	
Compound Words . . . . .	171	
Meaning of Compound Words . . . . .	174	
SYNTAX		
The Sentence . . . . .	175	
Agreement . . . . .	178	
Syntax of Substantives . . . . .	180	
The Cases . . . . .	182	
The Nominative and Vocative . . . . .	183	
The Accusative . . . . .	184	
Direct Object . . . . .	184	



	PAGE		PAGE
The Cognate Accusative . . . . .	184	Final Clauses . . . . .	294
Adverbial Uses of the Accusative . . . . .	186	Purpose . . . . .	294
Two Accusatives with One Verb . . . . .	188	Object Clauses . . . . .	296
The Genitive . . . . .	190	Clauses of Fearing . . . . .	297
The True Genitive . . . . .	191	Result . . . . .	298
The Partitive Genitive . . . . .	193	Causal Clauses . . . . .	299
The Ablative Genitive . . . . .	197	Conditions . . . . .	300
The Dative . . . . .	202	Concessive Clauses . . . . .	311
The True Dative . . . . .	202	Relative and Temporal Clauses . . . . .	311
Dative of the Indirect Object . . . . .	203	The Infinitive . . . . .	315
The Dative of Interest . . . . .	204	Subject of the Infinitive . . . . .	315
The Locative Dative . . . . .	206	Uses of the Infinitive . . . . .	317
The Instrumental Dative . . . . .	207	The Infinitive as a Substantive . . . . .	318
Place and Time (Summary) . . . . .	211	The Infinitive in Indirect Discourse . . . . .	323
Prepositions with the Cases . . . . .	212	The Participle . . . . .	324
Use and Meanings of the Prepositions . . . . .	213	The Attributive Participle . . . . .	324
Improper Prepositions . . . . .	224	The Circumstantial Participle . . . . .	325
Syntax of Adjectives . . . . .	225	Genitive and Accusative . . . . .	330
Syntax of Adverbs . . . . .	229	Absolute . . . . .	330
The Adverbs <i>οὐ</i> and <i>μή</i> . . . . .	230	The Supplementary Participle . . . . .	332
The Adverb <i>ἄν</i> . . . . .	232	not in Indirect Discourse . . . . .	332
Conjunctions . . . . .	234	in Indirect Discourse . . . . .	334
The Definite Article, <i>ὁ, ἡ, τό</i> . . . . .	235	The Verbal Adjectives . . . . .	336
Position of the Article . . . . .	238	Indirect Discourse . . . . .	338
Syntax of Pronouns . . . . .	241		
Personal and Reflexive . . . . .	243	APPENDICES	
The Intensive Pronoun <i>αὐτός</i> . . . . .	245	A. Versification . . . . .	347
Possessive Pronouns . . . . .	247	Trochaic Rhythms . . . . .	352
Demonstrative Pronouns . . . . .	248	Iambic Rhythms . . . . .	353
Relative Pronouns . . . . .	249	Dactylic Rhythms . . . . .	355
Interrogative Pronouns . . . . .	252	Anapaestic Rhythms . . . . .	357
Indefinite Pronouns . . . . .	253	Lyric Rhythms . . . . .	359
<i>ἄλλος</i> and <i>ἕτερος</i> . . . . .	253	Lyric Rhythms in $\frac{3}{8}$ Time . . . . .	360
Syntax of the Verb . . . . .	254	Dactylo - Epitritic Rhythms . . . . .	364
Agreement of Verbs . . . . .	255	Other Lyric Rhythms . . . . .	365
The Voices . . . . .	257	B. Table of Vowel Contractions . . . . .	367
Use of the Tenses . . . . .	263	C. The Pronunciation of Greek Proper Names in English . . . . .	368
The Tenses of the Indicative . . . . .	264	D. Some Additional Grammatical Terms . . . . .	369
Tenses of Other Modes . . . . .	272	E. Weights, Measures, and Time . . . . .	372
Uses of the Finite Modes . . . . .	277	F. List of Verbs . . . . .	377
Statements . . . . .	281		
Questions . . . . .	286	INDICES	
Direct Questions . . . . .	286	English . . . . .	422
Indirect Questions . . . . .	290	Greek . . . . .	437
Commands and Exhortations . . . . .	291		
Wishes . . . . .	292		

## LIST OF ABBREVIATIONS

acc. = accusative.	i.e. = that is.	pass. = passive.
act. = active, actively.	impf. = imperfect.	pers. = person.
adj. = adjective.	impv. = imperative.	perf., pf. = perfect.
advb. = adverb.	indic. = indicative.	plur., pl. = plural.
aor. = aorist.	infin. = infinitive.	plupf. = pluperfect.
cf. = compare.	κτλ. = καὶ τὰ λοιπὰ (and the rest).	pres. = present.
D = dual.	lit. = literal, literally.	q.v. = which see.
dat. = dative.	masc. = masculine.	sc. = scilicet.
decl. = declension.	mid. = middle.	S., sing. = singular.
e.g. = for example.	Mss. = manuscripts.	subj. = subjunctive.
encl. = enclitic.	neut. = neuter.	viz. = namely.
etc. = and so forth.	nom. = nominative.	voc. = vocative.
f., ff. = following.	opt. = optative.	
fem. = feminine.	P. = plural.	§, §§ = section, sections.
fut. = future.	partic. = participle.	
gen. = genitive.		

## ABBREVIATIONS USED IN CITING EXAMPLES FROM GREEK AUTHORS

Aesch. = Aeschylus.	E. = Euripides.	<i>Menex.</i> = <i>Menexenus</i> .
<i>Ag.</i> = <i>Agamemnon</i> .	<i>Alc.</i> = <i>Alcestis</i> .	<i>Phaed.</i> = <i>Phaedo</i> .
<i>Pr.</i> = <i>Prometheus</i> .	<i>And.</i> = <i>Andromache</i> .	<i>Phaedr.</i> = <i>Phaedrus</i> .
Aeschin. = Aeschines.	<i>El.</i> = <i>Electra</i> .	<i>Rep.</i> = <i>Republic</i> .
Ar. = Aristophanes.	<i>Hec.</i> = <i>Hecuba</i> .	S. = Sophocles.
<i>Ach.</i> = <i>Acharnenses</i> .	<i>Hel.</i> = <i>Helena</i> .	<i>Aj.</i> = <i>Ajax</i> .
<i>Eq.</i> = <i>Equites</i> .	<i>H.F.</i> = <i>Hercules Furens</i> .	<i>Ant.</i> = <i>Antigone</i> .
<i>Nub.</i> = <i>Nubes</i> .	<i>Hipp.</i> = <i>Hippolytus</i> .	<i>El.</i> = <i>Electra</i> .
<i>Ran.</i> = <i>Ranae</i> .	<i>I.T.</i> = <i>Iphigenia Tau-rica</i> .	<i>O.T.</i> = <i>Oedipus Tyrannus</i> .
<i>V.</i> = <i>Vespae</i> .	<i>Med.</i> = <i>Medea</i> .	Th. = Thucydides.
Dem. = Demosthenes.	<i>Supp.</i> = <i>Supplices</i> .	Xn. = Xenophon.
Hm. = Homer ; A, B, Γ, etc. are used in referring to the books of the Iliad, and α, β, γ, etc. in referring to the books of the Odyssey.	<i>Tro.</i> = <i>Troades</i> .	A. = <i>Anabasis</i> .
Hdt. = Herodotus.	Isoc. = Isocrates.	<i>Ages.</i> = <i>Agesilaus</i> .
Hes. = Hesiod.	Lys. = Lysias.	<i>Cy.</i> = <i>Cyropaedia</i> .
<i>O.D.</i> = <i>Opera et Dies</i> .	Pl. = Plato.	<i>Hell.</i> = <i>Hellenica</i> .
	<i>Ap.</i> = <i>Apology</i> .	<i>Hier.</i> = <i>Hiero</i> .
	<i>Crit.</i> = <i>Crito</i> .	<i>Mem.</i> = <i>Memorabilia</i> .
	<i>Go.</i> = <i>Gorgias</i> .	<i>Oec.</i> = <i>Oeconomicus</i> .
	<i>Leg.</i> = <i>Leges</i> .	<i>Symp.</i> = <i>Symposium</i> .

# GREEK GRAMMAR

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## INTRODUCTION

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### THE GREEK LANGUAGE

GREEK is the language of a people inhabiting not only the mainland of Greece, but also the islands of the Aegean Sea and the adjacent shores, together with a small part of Italy. The Greeks called themselves Hellenes (Ἕλληνες), but the Romans called them *Graeci*, and hence the English word *Greek*.

The Greek language belongs to the Indo-European group of languages, and is related to Sanskrit, Latin, Persian, Slavonic, Celtic, and Germanic. Hence comes the relation which exists between many English and Greek words. A greater number of English words, however, are *derived* directly from Greek words. For example, English *know* is the same as Greek γι-γνώ-σκω, but the English words *gnomic* and *arithmetic* are *derived* from the Greek γνωμικός and ἀριθμητική.

For over twenty-five hundred years Greek has been spoken and written, — with such changes as are inevitable in the growth and development of any language, — but the masterpieces of Greek literature were written some centuries before the Christian era. In the neighborhood of 400 B.C. Greek may be said to have reached its highest development, and it is customary to take the language of that time as a sort of standard.

In ancient times the Greek people did not all speak their language just alike, but each little country had its

own *dialect*, which often differed considerably from the dialect of a neighboring country only a few miles away. All the dialects may be roughly divided into three different groups; namely, *Aeolic*, *Doric*, and *Ionic*. To the Ionic group belongs the *Ionic dialect* proper, together with the dialect of Attica, which is known as *Attic*.

In the Ionic dialect were written, among other things, the poems of Homer and Hesiod, and the history of Herodotus. In the Attic dialect were written nearly all the other great works of Greek literature which have come down to us, and which, either directly, or through the medium of their Latin imitations, have influenced to such a vast extent the literature of the world. The dramatic poets Aeschylus, Sophocles, Euripides, and Aristophanes, the historians Thucydides and Xenophon, the orators Lysias and Demosthenes, and the philosopher, Plato, all wrote in the Attic dialect.

Attic, the most elegant and refined of all the Greek dialects, finally superseded the others in literary use. At the same time it began to lose some of its earlier purity and refinements, and after about 330 B.C. it is known as the *κοινή* or *Common Greek*. From this Common Greek there was evolved in the long course of years, with a considerable admixture of foreign elements, the present language of the Greek people, *Romæic* or Modern Greek.

Modern Greek differs so considerably from Ancient Greek, that, although a knowledge of it is helpful, yet one can soonest learn to comprehend the great works of Greek literature by studying directly the language of Ancient Greece.

This grammar deals only with the Attic and Ionic dialects of Ancient Greek.



# WRITING AND SOUND

## ALPHABET

1. Greek is written with the following twenty-four letters :

FORM	NAME	LATIN EQUIVALENT
A α	ἄλφα <i>alpha</i>	a
B β	βῆτα <i>beta</i>	b
Γ γ	γάμμα <i>gamma</i>	g
Δ δ	δέλτα <i>delta</i>	d
E ε	εἰ (ἐ ψῖλόν) <i>ei (epsilon)</i>	ě
Z ζ	ζῆτα <i>zeta</i>	z
H η	ἥτα <i>eta</i>	ē
Θ θ θ	θῆτα <i>theta</i>	th
I ι	ἰῶτα <i>iota</i>	i
K κ	κάππα <i>kappa</i>	c, k
Λ λ	λάβδα (λάμβδα) <i>labda (lambda)</i>	l
M μ	μῦ <i>mü</i>	m
N ν	νῦ <i>nü</i>	n
Ξ ξ	ξεῖ (ξῖ) <i>xei (xi)</i>	x
O ο	οῦ (ὀ μῖκρόν) <i>ou (omicron)</i>	ō
Π π	πεῖ (πῖ) <i>pei (pi)</i>	p
P ρ	ῥῶ <i>rho</i>	r
Σ σ ς	σίγμα <i>sigma</i>	s
T τ	ταῦ <i>tau</i>	t
Υ υ	ῦ (ῦ ψῖλόν) <i>ü (upsilon)</i>	y
Φ φ	φεῖ (φῖ) <i>phei (phi)</i>	ph
X χ	χεῖ (χῖ) <i>chei (chi)</i>	ch
Ψ ψ	ψεῖ (ψῖ) <i>psei (psi)</i>	ps
Ω ω	ὦ (ὦ μέγα) <i>ō (omega)</i>	ō

1. The names in parentheses came into use in the Middle Ages, but are now commonly employed.

2. Sigma at the end of a word has the form  $\varsigma$ ; in any other place the form  $\sigma$ . Thus  $\sigma\tau\acute{\alpha}\varsigma\iota\varsigma$  *faction*.

2. The letter F,  $\phi$ , called *vau* or *digamma*, early ceased to be used in Attic and Ionic Greek. It had the sound of English *w*, and stood in the alphabet between  $\epsilon$  and  $\xi$ . For other obsolete letters see § 156.

## VOWELS

3. The vowels  $\epsilon$  and  $o$  are always short,  $\eta$  and  $\omega$  are always long. The vowels  $a$ ,  $i$ ,  $u$ , are short in some words and long in others. In this grammar they are marked  $\bar{a}$ ,  $\bar{i}$ ,  $\bar{u}$ , when long. The unmarked  $a$ ,  $i$ ,  $u$ , are, therefore, understood to be short.

The mark of length is omitted over circumflexed vowels (§ 58).

4. The Attic sounds of the vowels, at about 400 B.C., are believed to have been nearly as follows:

### LONG VOWELS

$\bar{a}$  as *a* in *par*.

$\eta$  as *ê* in French *fête*.

$\bar{i}$  as *i* in *machine*.

$\omega$  as *o* in *prone*.

$\bar{u}$  as *û* in French *sûr*.

### SHORT VOWELS

*a* as *a* in *papa*.

$\epsilon$  as *e* in *pet*.

$i$  as *i* in *pit*.

$o$  as *o* in *obey*.

$u$  as *u* in French *butte*.

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2 a. Vau, although not written in the received text of the Homeric poems, must, from evidence of the metre and of early inscriptions, have been a live sound when these poems were composed. Thus it appears to have been sounded at the beginning of about forty words, the most important of which are:  $\acute{\alpha}\sigma\tau\upsilon$  *town*,  $\acute{\alpha}\nu\alpha\zeta$  *lord*,  $\acute{\alpha}\nu\delta\acute{\alpha}\nu\omega$  *please*,  $\epsilon\acute{\iota}\kappa\omicron\varsigma\iota$  *twenty* (cf. Lat. *viginti*),  $\xi\omicron$ ,  $\omicron\bar{i}$ ,  $\xi$  *himself*,  $\xi\zeta$  *six*, root  $\epsilon\pi$ - ( $\xi\pi\omicron\varsigma$  *word*,  $\epsilon\bar{i}\pi\omicron\nu$  *said*),  $\xi\pi\gamma\omicron\nu$  *work*, root  $\epsilon\sigma$ - ( $\xi\nu\nu\mu$  *clothe*,  $\xi\sigma\theta\acute{\eta}\varsigma$  *clothing*; cf. Lat. *vestis*),  $\xi\pi\omicron\varsigma$  *year* (cf. Lat. *vetus*),  $\eta\delta\acute{\upsilon}\varsigma$  *sweet* (see § 36 a), root  $i\delta$ - ( $i\delta\epsilon\bar{i}\nu$  *see*,  $\omicron i\delta\alpha$  *know*; cf. Lat. *vid-ere*),  $\omicron\iota\kappa\omicron\varsigma$  *house* (cf. Lat. *vicus*),  $\omicron\iota\upsilon\omicron\varsigma$  *wine* (cf. Lat. *vinum*),  $\delta\varsigma$ ,  $\eta$ ,  $\delta\nu$  *his*. See also § 36 a and § 172, 2.

1. The sounds of  $\bar{v}$  and  $v$  are midway between English *oo* and *ee*. They are exemplified also in the German *ü*, as in *Füsse*, *Brücke*.

## DIPHTHONGS

5. A diphthong is a combination of two vowels in one syllable. The latter vowel is always  $\iota$  or  $υ$ . The diphthongs are

 $\alpha\iota$ ,  $\epsilon\iota$ ,  $\omicron\iota$ ,  $\upsilon\iota$ , $\bar{\alpha}$ ,  $\eta$ ,  $\omega$ , $\alpha\upsilon$ ,  $\epsilon\upsilon$ ,  $\omicron\upsilon$ , $\eta\upsilon$ .

1. In the diphthongs  $\bar{\alpha}$ ,  $\eta$ ,  $\omega$ , the  $\iota$  is written below the first vowel, and is called *iota subscript*. When, however, the first vowel is written as a capital letter,  $\iota$  stands on the line: thus  $\text{Ἅιδης}$  *Hades*. The ancients always wrote  $\iota$  in these diphthongs on the line.

6. The sounds of the principal diphthongs, at about 400 B.C., were very nearly as follows:

 $\alpha\iota$  like *ai* in *aisle*. $\epsilon\iota$  like *ei* in *rein*. $\omicron\iota$  like *oi* in *toil*. $\alpha\upsilon$  like *ou* in *our*. $\epsilon\upsilon$  like *eu* in *feud*. $\omicron\upsilon$  like *ou* in *you*. $\upsilon\iota$  like *ui* in *quit*.

1. In  $\bar{\alpha}$ ,  $\eta$ ,  $\omega$ , the  $\iota$  was originally sounded. But later (about 100 B.C.) it became silent, and these diphthongs have since been pronounced like simple  $\bar{\alpha}$ ,  $\eta$ ,  $\omega$ .

2. The sound of  $\eta\upsilon$  cannot be exemplified from English, but may be represented as  $\bar{e}h\text{-}oo$ , pronounced quickly together.

3. In the earliest times, the diphthongs  $\epsilon\iota$  and  $\omicron\upsilon$  had, in some words at least, actual double sounds, such as their composition would indicate, and differed in pronunciation

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5 a. In Ionic (Herodotus) a diphthong  $\omega\upsilon$  occurs; thus  $\omega\upsilon\rho\acute{o}s$  for  $\acute{o}\ \alpha\upsilon\rho\acute{o}s$  *the same*. This diphthong  $\omega\upsilon$  is almost unknown in Attic Greek.

from the *apparent* diphthongs *ει* and *ου*, which arise from contraction of *ε-ε*, *ο-ο*, *ο-ε*, or *ε-ο* (see § 18, 3 and 5) or from compensative lengthening (see § 16). Thus, *ει* in *γένει* is made up of *ε* + *ι* (see § 18, 1 and § 106), but in *θείς* for \**θεινς* (see § 16, 1) *ει* is merely lengthened from *ε*. In early inscriptions the *real* diphthongs *ει* and *ου* were written **EI** and **ΟΥ**, while the *apparent* diphthongs were written with simple **E** and **O**. Later (soon after 400 B.C.) both kinds of diphthongs came to be pronounced and written alike.

#### DIAERESIS

7. The mark of diaeresis (¨) is sometimes written over an *ι* or *υ*, to show that it does not combine with the preceding vowel to form a diphthong: thus *βοΐ*, pronounced in two syllables, *βο-ί*.

#### BREATHINGS

8. A vowel at the beginning of a word always has a breathing, either rough or smooth.

The *rough* breathing (´) shows that the vowel was pronounced with the sound of *h* preceding. Thus, *ἑπτά* *seven* is pronounced *heptá*.

The *smooth* breathing (˘) shows that the vowel was pronounced with no sound of *h*. Thus, *ἀπό* *from* is pronounced *apó*.

1. The mark of breathing is written over small letters and in front of capitals: thus *ἀληθής* *true*, *Ἀρκάς* *Arcadian*.

2. In a diphthong, however, the breathing is written over the second vowel: thus *Αἰνείας* *Aeneas*, *αὐτός* *self*.

8 a. Ionic sometimes has a smooth breathing where Attic has the rough: thus *ἥλιος* *sun*, Attic *ἥλιος*; *οὔρος* *boundary*, Attic *ὄρος*.



NOTE. — But in the diphthongs  $\bar{\alpha}$ ,  $\eta$ ,  $\varphi$ , the breathing never stands over the  $\iota$ , even when this is written on the line: thus “ $\text{Ἄιδης}$  *Hades*,  $\text{ὦδή}$  *song*.”

9. The consonant  $\rho$  at the beginning of a word always has the rough breathing ( $\acute{\rho}$ ): thus  $\text{ῥήτωρ}$  *orator* (Lat. *rhetor*).

10. It happens also that all words beginning with the letter  $\nu$  have the rough breathing.

## CONSONANTS

11. The consonants were thus pronounced:

$\beta$ like <i>b</i> in <i>bad</i> .	$\theta$ like <i>th</i> in <i>hothouse</i> , later like <i>th</i> in <i>thin</i> .
$\gamma$ “ <i>g</i> in <i>go</i> (see also § 11, 1).	$\lambda$ “ <i>l</i> in <i>lip</i> .
$\delta$ “ <i>d</i> in <i>do</i> .	$\mu$ “ <i>m</i> in <i>mix</i> .
$\pi$ “ <i>p</i> in <i>pin</i> .	$\nu$ “ <i>n</i> in <i>now</i> .
$\kappa$ “ <i>k</i> in <i>keg</i> .	$\rho$ “ <i>r</i> in <i>red</i> (see also § 11, 2).
$\tau$ “ <i>t</i> in <i>top</i> .	$\sigma$ “ <i>s</i> in <i>see</i> .
$\phi$ “ <i>ph</i> in <i>uphill</i> , later like <i>ph</i> in <i>graphic</i> .	$\zeta$ “ English <i>zd</i> , later like English <i>z</i> .
$\chi$ “ <i>kh</i> in <i>inkhorn</i> , later like <i>ch</i> in German <i>machen</i> .	$\xi$ “ <i>x</i> in <i>mix</i> .
	$\psi$ “ <i>ps</i> in <i>gypsum</i> .

1. Gamma ( $\gamma$ ) before  $\kappa$ ,  $\gamma$ ,  $\chi$ ,  $\xi$ , represented the sound of *n* in *ink*, and is called *gamma nasal*: thus  $\text{ἀγκών}$  (pronounced *ankón*) *elbow*,  $\text{ἄγγελος}$  (pronounced *ángelos*) *messenger*.

2. Rho ( $\rho$ ) at the beginning of a word had a sound somewhat like *hr* (compare § 9).

NOTE. — In Greek every consonant was sounded. Thus  $\text{κτίσις}$  *a founding*,  $\text{φθίσις}$  *decay*,  $\text{ψεῦδος}$  *falsehood*, were pronounced respectively *ktisis*, *phthisis*, *pseudos*.

12. The consonants may be divided into three classes, Semivowels, Mutes, and Double Consonants.

1. The semivowels are,  $\lambda$ ,  $\mu$ ,  $\nu$ ,  $\rho$ ,  $\sigma$ , and  $\gamma$ -nasal (§ 11, 1). Of these

$\sigma$  is called a Sibilant,

$\lambda$ ,  $\mu$ ,  $\nu$ , and  $\rho$  are called Liquids,

$\mu$ ,  $\nu$ , and  $\gamma$ -nasal (§ 11, 1) are called Nasals.

2. The mutes may be classified as follows :

	SMOOTH	MIDDLE	ROUGH
LABIAL	$\pi$	$\beta$	$\phi$
LINGUAL	$\tau$	$\delta$	$\theta$
PALATAL	$\kappa$	$\gamma$	$\chi$

Those in the same horizontal line are said to be Cognate, because they are produced by the same organ of speech (lips, tongue, or palate). Those in the same perpendicular line are said to be Co-ordinate, because they have the same degree of aspiration (or vocalization).

3. The double consonants are  $\zeta$ ,  $\xi$ ,  $\psi$ . Of these,  $\xi$  is written for  $\kappa\sigma$ ,  $\gamma\sigma$ , or  $\chi\sigma$ , and  $\psi$  for  $\pi\sigma$ ,  $\beta\sigma$ , or  $\phi\sigma$ .

## INTERCHANGE OF VOWELS

13. In the inflection and formation of words, short and long vowels of similar sound often interchange : thus  $\delta\acute{\iota}\text{-}\delta\omicron\text{-}\mu\epsilon\nu$  *we give*,  $\delta\acute{\iota}\text{-}\delta\omega\text{-}\mu\iota$  *I give* ;  $\lambda\iota\mu\acute{\eta}\nu$  *harbor*,  $\lambda\iota\mu\acute{\epsilon}\nu\text{-}\omicron\varsigma$  *of a harbor*.

NOTE. — The long vowel corresponding to  $\alpha$  is often  $\eta$  (see § 15).

13 a. In Homer a long vowel or a diphthong sometimes stands for a short vowel, especially in words which would otherwise be excluded from the verse : thus  $\acute{\eta}\gamma\acute{\alpha}\theta\epsilon\omicron\varsigma$  *very holy* for  $\acute{\alpha}\gamma\acute{\alpha}\theta\epsilon\omicron\varsigma$ ,  $\omicron\acute{\upsilon}\lambda\acute{o}\mu\epsilon\nu\omicron\varsigma$  *accursed* for  $\acute{\omicron}\lambda\acute{o}\mu\epsilon\nu\omicron\varsigma$ .

1. The corresponding short and long forms may be seen from the following table :

SHORT	<i>a</i>	<i>ε</i>	<i>ι</i>	<i>ο</i>	<i>υ</i>
LONG	<i>ā</i> or <i>η</i>	<i>η</i>	<i>ī</i>	<i>ω</i>	<i>ū</i>

14. The same root or suffix often appears with a different short vowel, as, for example, *λέγ-ω speak*, *λόγ-ος speech*; *λύ-ο-μεν we loose*, *λύ-ε-τε you loose*. Three different forms of this appearance are recognized, but the same root or suffix does not always present all three forms.

These forms are, (1) with *ο*, (2) with *ε*, (3) with no vowel. Thus *ποτ-ᾶνός able to fly*, *πέτ-ομαι fly*, *ἐπ-τ-όμην flew*.

1. But in case the third form (without the vowel) brings together a combination of consonants hard to pronounce, there is developed from the adjacent consonants in pronunciation a vowel sound, *a*. Thus, instead of \**ἐ-τρ φ-ην*, we have *ἐτράφην was nourished*, so that the series (of § 14) becomes (1) *ο*, (2) *ε*, (3) *α*: thus *τέ-τροφ-α have nourished*, *τρέφ-ω nourish*, *ἐ-τράφ-ην was nourished*. (Compare English *sing*, *sang*, *sung*, and German *sterben*, *starb*, *gestorben*.)

NOTE. — An *a* sometimes appears as the vowel-equivalent of *υ*: thus *πάθος* (for \**πνθος*) *experience*, *suffering*.

2. In combination with *ι* or *υ* the vowels *ε* and *ο*, of course, make the corresponding diphthongs, so that we seem to have, on the one hand, an interchange of (1) *οι*, (2) *ει*, and (3) *ι*, and on the other, an interchange of (1) *ου* (rare), (2) *ευ*, and (3) *υ*; but it will be seen at once that this apparent “interchange” is really the same phenomenon which has been described above (§ 14): thus

<i>λέ-λοιπ-α have left</i>	<i>λείπ-ω leave</i>	<i>ἔ-λιπ-ον left</i>
<i>σπουδ-ή haste</i>	<i>σπεύδω hasten</i>	
	<i>φεύγ-ω flee,</i>	<i>ἔ-φυγ-ον fled</i>

3. The following table and examples may serve to make this principle clearer :

1.	2.	3.
ο	ε	—
ο	ε	(α)
οι	ει	— ι
ου	ευ	— υ
φόρ-ος <i>tribute</i>	φέρ-ω <i>bear</i>	δί-φ ρ-ος <i>chariot</i>
τρόπ-ος <i>turning</i>	τρέπ-ω <i>turn</i>	ἐ-τραπ-όμην <i>turned</i>
πέ-ποιθ-α <i>trust</i>	πείθ-ω <i>persuade</i>	π ιθ-ανός <i>persuasive</i>
*χο(υ)-ή (§ 21)	ἔ-χε(υ)-α (§ 21)	ἐ-χ ὑ-θην <i>was poured</i>
<i>a pouring</i>	<i>poured</i>	

15. In Attic, original  $\bar{a}$  becomes  $\eta$  unless it is preceded by  $\epsilon$ ,  $\iota$ , or  $\rho$ . Thus, original (Doric)  $\phi\acute{\alpha}\mu\bar{a}$  *report* becomes  $\phi\acute{\eta}\mu\eta$ ; but  $\gammaενε\acute{\alpha}$  *generation*,  $\sigmaοφ\acute{\iota}\bar{a}$  *wisdom*,  $\pi\rho\acute{\alpha}\gamma\mu\alpha$  *deed* retain  $a$ .

1. But  $\bar{a}$  arising from contraction (§ 18) or compensative lengthening (§ 16) remains unchanged.

#### COMPENSATIVE LENGTHENING

16. A short vowel is sometimes lengthened, to make up for the loss of a following consonant. Thus, for \* $\mu\epsilon\lambda\alpha\nu\text{-}\varsigma$  we have  $\mu\acute{\epsilon}\lambda\bar{a}\text{-}\varsigma$  *black*.

1. In this process,  $\epsilon$  becomes  $\epsilon\iota$  (not  $\eta$ ), and  $\sigma$  becomes  $\sigma\upsilon$  (not  $\omega$ ). Thus, \* $\theta\epsilon\nu\tau\text{-}\varsigma$  gives  $\theta\epsilon\acute{\iota}\varsigma$  *having placed*, \* $\delta\omicron\nu\tau\text{-}\varsigma$  gives  $\delta\omicron\acute{\upsilon}\varsigma$  *having given*.

#### INTERCHANGE OF QUANTITY

17. The combinations  $\bar{a}\sigma$  and  $\eta\sigma$  often change to  $\epsilon\omega$ , and  $\eta\alpha$  to  $\epsilon\bar{\alpha}$ . Thus,  $\nu\bar{a}\sigma$  *temple* becomes  $\nu\epsilon\acute{\omega}\varsigma$ ,  $\beta\alpha\sigma\iota\lambda\eta\alpha$  *king* becomes  $\beta\alpha\sigma\iota\lambda\acute{\epsilon}\bar{\alpha}$ .

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15 a. Ionic regularly has  $\eta$  for original  $\bar{a}$ , even after  $\epsilon$ ,  $\iota$ , and  $\rho$ : thus  $\gammaεν\eta\eta$ ,  $\sigmaοφ\eta\eta$ ,  $\pi\rho\eta\eta\mu\alpha$ . Not so, however, in the cases covered by § 15, 1.

## CONTRACTION OF VOWELS

18. Contraction unites into one long vowel or diphthong vowels which stand next each other in different syllables. The following are the most important rules for contraction. (Many of them admit occasional exceptions, § 715.)

1. A vowel *υ* or *ι* unites with the preceding vowel to form a diphthong. Thus, *γένε-ι* gives *γένει*, *πειθό-ι* gives *πειθοῖ*, *πρω-ι* gives *πρώ*.

2. Two like vowels unite in the common long. Thus, *γέρα-α* gives *γέρᾱ*, *φιλέ-ητε* gives *φιλήητε*.

3. But *ε-ε* gives *ει*, and *ο-ο* gives *ου* (§ 6, 3). Thus, *φίλε-ε* gives *φίλει*, *πλό-ος* gives *πλοῦς*.

4. An *ο* sound absorbs *α*, *ε*, or *η*, and becomes *ω*. Thus, *όρά-ομεν* gives *όρῶμεν*, *φιλέ-ωσι* gives *φιλῶσι*, *δηλό-ητε* gives *δηλῶτε*.

5. But *ε-ο* and *ο-ε* both give *ου* (§ 6, 3). Thus, *γένε-ος* gives *γένους*, *δήλο-ε* gives *δήλου*.

6. When *α* and *ε* or *η* come together, the first in order absorbs the second, and becomes long. Thus, *γένε-α* gives *γένη*, *όρά-ητε* gives *όρᾱτε*.

19. A vowel standing before a diphthong is often contracted with the first vowel of the diphthong. The last vowel of the diphthong is regularly retained in the contracted form, but the *apparent* diphthongs *ει* and *ου* (§ 6, 3) are contracted like simple *ε* and *ο*. Thus, *τιμά-ει* gives *τιμᾱ* (cf. § 5, 1), *φιλέ-ει* gives *φιλεῖ*, *τιμά-οιμι* gives *τιμῶμι*, *λύη-αι* gives *λύη*, but *τιμά-ειν* gives *τιμᾶν*, *τιμά-ου* gives *τιμῶ* (since *ει* and *ου* here are not real diphthongs; see § 6, 3).

18 a. In Ionic, contraction is much less frequent than in Attic. Thus, we have *πλόος* for Attic *πλοῦς*, *γένεα* for Attic *γένη*. *Εο*, *εου*, if contracted, give *ευ* (*ποιεῦμεν* we do for *ποιέ-ομεν*, *ποιεῦσι* they do for *ποιέ-ουσι*), but often remain uncontracted.



1. But  $\epsilon$  or  $o$  is absorbed before  $oi$ . Thus,  $\phi\iota\lambda\acute{\epsilon}\text{-}oi$  gives  $\phi\iota\lambda o\acute{\iota}$ ,  $\delta\eta\lambda\acute{o}\text{-}oi$  gives  $\delta\eta\lambda o\acute{\iota}$ .

2. The contraction of both  $o\text{-}\epsilon i$  and  $o\text{-}\eta$  gives  $oi$ . Thus,  $\delta\eta\lambda\acute{o}\text{-}\epsilon i$  and  $\delta\eta\lambda\acute{o}\text{-}\eta$  both contract into  $\delta\eta\lambda o\acute{\iota}$ : but  $\delta\eta\lambda\acute{o}\text{-}\epsilon i\nu$  gives  $\delta\eta\lambda o\acute{\upsilon}\nu$ , since  $\epsilon i$  here is not a real diphthong (§ 6, 3).

NOTE 1. — When three successive vowels are contracted, the last two are first contracted, and with the resulting diphthong the first vowel is then contracted. Thus,  $\acute{\epsilon}\tau\acute{\iota}\mu\acute{\alpha}\epsilon o$  (for  $*\acute{\epsilon}\tau\acute{\iota}\mu\alpha\epsilon\text{-}\sigma o$ ) *you were being honored* contracts first into  $\acute{\epsilon}\tau\acute{\iota}\mu\acute{\alpha}o\nu$ , and this in turn contracts into  $\acute{\epsilon}\tau\acute{\iota}\mu\acute{\omega}$ .

NOTE 2. — **Synizesis.** — Sometimes in poetry two vowels, without being regularly contracted, were so far united in pronunciation as to form one syllable. Thus,  $\pi\acute{o}\lambda\epsilon\omega s$  might be pronounced as a word of two syllables,  $\text{-}\epsilon\omega\text{-}$  sounding somewhat like  $\text{-}y\acute{o}\text{-}$ . This is called synizesis (*setting together*).

## OMISSION OF VOWELS

20. Between two consonants a short vowel is sometimes dropped. (This is called Syncope.) Thus  $\acute{\epsilon}\sigma\tau\alpha i$  *shall be*, for  $\acute{\epsilon}\sigma\epsilon\tau\alpha i$ ;  $\eta\lambda\theta\omicron\nu$  *came*, for  $\eta\lambda\upsilon\theta\omicron\nu$ .

21. Between two vowels the vowels  $\iota$  and  $\upsilon$  are sometimes dropped. Thus,  $\pi\lambda\epsilon\acute{\iota}\text{-}\omega\nu$  *more* becomes  $\pi\lambda\acute{\epsilon}\omega\nu$ ;  $*\beta\alpha\sigma\iota\text{-}\lambda\epsilon\upsilon\text{-}\omega\nu$  becomes  $\beta\alpha\sigma\iota\lambda\acute{\epsilon}\omega\nu$  *of kings*.

## CONSONANT CHANGES

### DOUBLED CONSONANTS

22. Attic regularly has  $\tau\tau$  in place of Ionic  $\sigma\sigma$ .

The Ionic form, however, is adopted by some of the Attic poets and earlier writers of prose.

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22 a. **Doubled Consonants in Homer.** — In Homer we frequently find a doubled consonant where Attic would have a single consonant: thus  $\acute{\epsilon}\lambda\lambda\alpha\beta\epsilon$  *took* (Attic  $\acute{\epsilon}\lambda\alpha\beta\epsilon$ ),  $\acute{\alpha}\gamma\acute{\alpha}\nu\eta\iota\phi\omicron s$  *snoring*,  $\acute{\epsilon}\delta\delta\epsilon\iota\sigma\epsilon$  *feared* (Attic  $\acute{\epsilon}\delta\epsilon\iota\sigma\epsilon$ ).

23. Whenever initial  $\rho$ , by inflection or composition, has a single vowel brought before it, the  $\rho$  is doubled: thus  $\rho\acute{\epsilon}\omega$  *flow*,  $\epsilon\acute{\rho}\rho\epsilon\iota$  *was flowing*. A diphthong, however, does not cause the  $\rho$  to be doubled: thus  $\epsilon\ddot{u}\text{-}\rho\acute{o}\sigma$  *fair-flowing*.

24. The  $\rho\sigma$  of earlier Attic later assimilates to  $\rho\rho$ . Thus,  $\theta\acute{\alpha}\rho\rho\acute{o}\varsigma$  *courage* later becomes  $\theta\acute{\alpha}\rho\rho\acute{o}\varsigma$ .

#### MUTES BEFORE MUTES

25. Before a lingual mute a labial or a palatal mute becomes coördinate (see § 12, 2).

For example,  $*\gamma\epsilon\gamma\rho\alpha\phi\text{-}\tau\alpha\iota$  becomes  $\gamma\acute{\epsilon}\gamma\rho\alpha\pi\tau\alpha\iota$  *has been written*,  $*\lambda\epsilon\lambda\epsilon\gamma\text{-}\tau\alpha\iota$  becomes  $\lambda\acute{\epsilon}\lambda\epsilon\kappa\tau\alpha\iota$  *has been said*,  $*\acute{\epsilon}\lambda\epsilon\iota\pi\text{-}\theta\eta\nu$  becomes  $\acute{\epsilon}\lambda\epsilon\iota\phi\theta\eta\nu$  *was left*,  $*\acute{\epsilon}\tau\rho\iota\beta\text{-}\theta\eta\nu$  becomes  $\acute{\epsilon}\tau\rho\acute{\iota}\phi\theta\eta\nu$  *was rubbed*.

26. A lingual mute before another lingual mute is changed to  $\sigma$ . Thus,  $*\acute{\iota}\delta\text{-}\tau\epsilon$  becomes  $\acute{\iota}\sigma\tau\epsilon$  *you know*,  $*\acute{\epsilon}\pi\epsilon\iota\theta\text{-}\theta\eta\nu$  becomes  $\acute{\epsilon}\pi\epsilon\acute{\iota}\sigma\theta\eta\nu$  *was persuaded*.

#### MUTES BEFORE LIQUIDS

27. 1. Before  $\mu$  a labial mute becomes  $\mu$ . Thus,  $*\lambda\epsilon\lambda\epsilon\iota\pi\text{-}\mu\alpha\iota$  becomes  $\lambda\acute{\epsilon}\lambda\epsilon\iota\mu\mu\alpha\iota$  *have been left*.

2. Before  $\mu$  a palatal mute becomes  $\gamma$ . Thus,  $*\pi\epsilon\pi\lambda\epsilon\kappa\text{-}\mu\alpha\iota$  becomes  $\pi\acute{\epsilon}\pi\lambda\epsilon\gamma\mu\alpha\iota$  *have been twisted*.

3. Before  $\mu$  a lingual mute becomes  $\sigma$ . Thus,  $*\pi\epsilon\pi\epsilon\iota\theta\text{-}\mu\alpha\iota$  becomes  $\pi\acute{\epsilon}\pi\epsilon\iota\sigma\mu\alpha\iota$  *have been persuaded*.

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In many cases this doubling is to be explained by the assimilation of another consonant. Thus,  $\acute{\alpha}\gamma\acute{\alpha}\nu\eta\mu\phi\acute{o}\varsigma$  is for  $*\acute{\alpha}\gamma\alpha\text{-}(\sigma)\nu\mu\phi\acute{o}\varsigma$  and  $\acute{\epsilon}\delta\delta\epsilon\iota\sigma\epsilon$  is for  $*\acute{\epsilon}\delta(\text{f})\epsilon\iota\sigma\epsilon$ .

In some words Homer has both the single and double forms: thus  $\acute{o}\pi\acute{\iota}\sigma\sigma\omega$  and  $\acute{o}\pi\acute{\iota}\sigma\omega$  *backward*,  $\text{'}\acute{\alpha}\chi\iota\lambda\lambda\epsilon\acute{\upsilon}\varsigma$  and  $\text{'}\acute{\alpha}\chi\iota\lambda\epsilon\acute{\upsilon}\varsigma$  *Achilles*.

MUTES BEFORE  $\sigma$ 

28. A labial mute before  $\sigma$  unites with it to form  $\psi$  (cf. § 12, 3). Thus, \*λειπ-σ $\omega$  becomes λείψω *shall leave*, \*φλεβ-σ becomes φλέψ *vein*, \*γραφ-σ $\omega$  becomes γράψω *shall write*.

29. A palatal mute before  $\sigma$  unites with it to form  $\xi$  (cf. § 12, 3). Thus, \*κορακ-σ becomes κόραξ *raven*, \*φλογ-σ becomes φλόξ *flame*, \*βηχ-σ becomes βήξ *cough*.

30. A lingual mute before  $\sigma$  is dropped. Thus, \*σωματ-σι becomes σώμασι *bodies* (dat.), \*ἐλπίδ-σι becomes ἐλπίσι *hopes* (dat.), \*ὀρνίθ-σι becomes ὀρνίσι *birds* (dat.).

## N BEFORE OTHER CONSONANTS

31. When  $\nu$  comes before a labial mute it changes to  $\mu$ . Thus, \*ἐν-πειρος becomes ἔμπειρος *experienced*, \*ἐν-φανής becomes ἐμφανής *visible*, \*ἐν-ψυχος becomes ἔμψυχος *living*.

32. When  $\nu$  comes before a palatal mute it changes to  $\gamma$ -nasal. Thus, \*συν-γενής becomes συγγενής *akin*, \*συν-χέω becomes συγχέω *pour together*.

33. When  $\nu$  comes before  $\lambda$ ,  $\mu$ , or  $\rho$  it is assimilated. Thus, \*ἐν-λειπω becomes ἐλλείπω *leave in*, \*ἐν-μενω becomes ἐμμένω *abide*, \*συν-ρεω becomes συρρέω *flow together*.

34. When  $\nu$  comes before  $\sigma$  it is dropped (likewise  $\nu\tau$ ,  $\nu\delta$ , and  $\nu\theta$ ; see § 30) and the preceding vowel is lengthened

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30 a. More properly a lingual mute before  $\sigma$  is first assimilated to the  $\sigma$ , and the two sigmas later become one. In Homer we often find the older form with  $\sigma\sigma$ : thus ποσ-σί *feet* (dat.), Attic ποσι (from \*ποδ-σι).

in compensation (see § 16). Thus, \**μελαν-ς* becomes *μέλᾱς* *black*, \**λῡο-νσι* becomes *λύουσι* *they loose* (§ 16, 1). Cf. § 99.

DISAPPEARANCE OF  $\sigma$ 

35. When  $\sigma$  comes between two consonants, it is regularly dropped, and when two sigmas are brought together by inflection one of them is dropped. Thus, \**ἔσταλ-σθε* becomes *ἔσταλθε* *you have been sent*, and \**τείχεσ-σι* becomes *τείχεσι* *walls* (dat.).

36. When  $\sigma$  stands before a vowel at the beginning of a word, it is often changed to the rough breathing: thus *ἴστημι* *set*, for \**σι-στημι* (Latin *sisto*).

37. When  $\sigma$  comes between two vowels, it is regularly dropped: thus *γένεος* (contracted *γένους*) *of a race* for \**γενεσ-ος* (Latin *generis*).

## CONSONANTS WITH VOWELS

## METATHESIS

38. A vowel and a liquid are sometimes transposed. Thus *θάρσος* and *θράσος* *boldness*.

1. Sometimes the vowel, standing after the liquid, has its long form (§ 13): *τέμ-νω* *cut*, perfect *τέ-τμη-κα* *have cut*.

## CONSONANTS BEFORE I

39. The vowel *ι* (which may sometimes have the value of a consonant), following certain consonants, gives rise to several changes. Thus:

35 a. In Homer the older form with  $\sigma\sigma$  is frequently kept. Thus *ἔπεισ-σι* *words* (dat.), Attic *ἔπεισι*.

36 a. At the beginning of several of the words enumerated in § 2 a,  $\sigma$  as well as *vau* has been lost: thus in *ἡδύς* *sweet*, formerly \**σῑῤῥᾱδύς* (cf. English *sweet*, Latin *sua(d)vis*); *ὅς* *his*, formerly \**σῑῤῥός* (cf. Latin *suus*).

1. With  $\kappa$ ,  $\chi$ ,  $\tau$ , or  $\theta$ , an  $\iota$  unites to form  $\tau\tau$  (Ionic  $\sigma\sigma$ , § 22): thus  $\phi\upsilon\lambda\acute{\alpha}\tau\tau\omega$  *guard*, for  $^{*}\phi\upsilon\lambda\alpha\kappa\text{-}\iota\omega$ :  $\nu\eta\tau\tau\alpha$  *duck*, for  $^{*}\nu\eta\tau\text{-}\iota\alpha$ ;  $\theta\acute{\alpha}\tau\tau\omega\nu$  *quicker*, for  $^{*}\tau\alpha\chi\text{-}\iota\omega\nu$  (§ 41).

2. With  $\gamma$  or  $\delta$  an  $\iota$  unites to form  $\zeta$ :  $\mu\epsilon\acute{\iota}\zeta\omega\nu$  *greater*, for  $^{*}\mu\epsilon\gamma\text{-}\iota\omega\nu$ ;  $\epsilon\lambda\pi\acute{\iota}\zeta\omega$  *hope*, for  $^{*}\epsilon\lambda\pi\iota\delta\text{-}\iota\omega$ .

3. With  $\lambda$  an  $\iota$  forms  $\lambda\lambda$ :  $\beta\acute{\alpha}\lambda\text{-}\lambda\omega$  *throw*, for  $^{*}\beta\alpha\lambda\text{-}\iota\omega$ .

4. With  $\nu$  or  $\rho$ , an  $\iota$  goes over to the preceding vowel and unites with it by contraction:  $\mu\acute{\alpha}\iota\nu\omicron\mu\alpha\iota$  *am mad*, for  $^{*}\mu\alpha\nu\text{-}\iota\omicron\mu\alpha\iota$ .

## REJECTION OR TRANSFER OF ASPIRATION

40. The Greeks tried to avoid beginning two successive syllables with a rough mute (or a rough breathing). Thus,  $\acute{\epsilon}\text{-}\tau\acute{\epsilon}\text{-}\theta\eta\nu$  and  $\acute{\epsilon}\text{-}\tau\acute{\upsilon}\text{-}\theta\eta\nu$  (instead of  $^{*}\acute{\epsilon}\text{-}\theta\epsilon\text{-}\theta\eta\nu$  and  $^{*}\acute{\epsilon}\text{-}\theta\nu\text{-}\theta\eta\nu$ ) are the aorists passive of  $\tau\acute{\iota}\theta\eta\mu\iota$  *put* and  $\theta\acute{\upsilon}\omega$  *sacrifice*.

For the imperative ending  $\text{-}\theta\iota$  (changed to  $\text{-}\tau\iota$ ) see § 233, 3; for the change of a rough mute to smooth in reduplication see § 178.

41. For the same reason, a few roots beginning with  $\theta$ , and ending in  $\phi$  or  $\chi$ , preserve the rough mute only at the beginning or the end. So, when, in the process of inflection, the rough mute at the end disappears, the smooth mute at the beginning becomes rough. For example,  $\tau\rho\iota\chi\text{-}\acute{\omicron}\varsigma$  *hair*, gen. sing., has for its nominative  $\theta\rho\acute{\iota}\xi$ :  $\tau\rho\acute{\epsilon}\phi\omega$  *nourish* has for its future  $\theta\rho\acute{\epsilon}\psi\omega$ ; the root  $\tau\alpha\phi\text{-}$  becomes  $\theta\alpha\pi\text{-}$  in  $\theta\acute{\alpha}\pi\text{-}\tau\omega$  *bury*.

## HIATUS

42. Hiatus occurs when a word ending in a vowel is followed by a word beginning with a vowel.

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41 a. In Ionic we sometimes find a transfer of aspiration:  $\kappa\iota\theta\acute{\omega}\nu$  *shirt*,  $\epsilon\nu\theta\alpha\upsilon\tau\alpha$  *there*, for Attic  $\chi\iota\tau\acute{\omega}\nu$ ,  $\epsilon\nu\tau\alpha\upsilon\theta\alpha$ .



Hiatus was usually avoided in Greek by means of (1) Crasis, (2) Elision, or (3) the addition of a Movable Consonant.

## CRASIS

43. Crasis (*mingling*) is the *contraction* of a vowel or diphthong at the end of a word with a vowel or diphthong at the beginning of the next word. It is indicated by the corōnis ( ' ) written over the contracted syllable.

Crasis in general follows the rules for contraction (§§ 18 and 19): thus *τοῦναντίον* *the contrary* for *τὸ ἐναντίον*, *ἐγῶμαι* *I suppose* for *ἐγὼ οἶμαι*, *θοιμάτιον* *the cloak* for *τὸ ἱμάτιον* (cf. § 44, 4). But some exceptions occur: thus *ταυτό* for *τὸ αὐτό*.

NOTE 1. — If the first word ends in a diphthong, its final vowel is dropped before contraction: thus *κάγαθός* for *καλ ἀγαθός*.

NOTE 2. — **Synizesis between Two Words.** — In poetry a crasis, not indicated in writing, sometimes occurs between two words, and is called synizesis (see § 19, note 2). This happens only when the first word ends in a long vowel or diphthong: thus *μὴ οὐ*, pronounced as one syllable.

NOTE 3. — **Apocope** is the cutting off of a final short vowel before a consonant. Thus *πάρ, κάτ*, for *παρά, κατά*. It affects chiefly prepositions, and is nearly confined to poetry.

## ELISION

44. Elision is the *cutting off* of a short vowel at the end of a word when the next word begins with a vowel. In place of the missing vowel an apostrophe ( ' ) is written: thus *ἐπ' ἐμοί* *in my power*, for *ἐπὶ ἐμοί*; *ἔπτ' ἦσαν* *were seven*, for *ἐπτὰ ἦσαν*. (For the accent of *ἔπτ'* see § 66.)

1. Elision is most frequent in prepositions, conjunctions, and familiar adverbs: for example, the final vowel in *γέ, δέ, παρά, ἀλλά, μάλα, τάχα*, is frequently elided.

2. The vowel *υ* is never elided, nor is *-ι* in the dative of the third declension, nor the vowels of *τά, τί, τό*.

3. In the formation of compound words, elision occurs, but without being indicated by the apostrophe: thus *ἀπ-έχω* *keep away*, from *ἀπό* and *έχω*; *ἐπ-άνω* *on top*, from *ἐπί* and *άνω*; *ἀπ-έβην* *went away*, aorist of *ἀπο-βαίνω*.

4. Whenever by elision a smooth mute and a rough breathing are brought together, the smooth mute becomes the cognate rough mute (§ 12, 2): thus *ἀφ' ὧν* *from which*, for *ἀπὸ ὧν*; *καθ-ίημι* *let down*, from *κατά* and *ίημι*.

### MOVABLE CONSONANTS

45. *ν Movable*. — All words ending in *-σι*, all verbs of the third person singular ending in *-ε*, and *έστί* *is*, when they stand before a word beginning with a vowel, or at the end of a clause, regularly add a *ν* at the end. This *ν* is called *ν movable*: thus *πέμπουσι τὸν ἄνδρα* *they send the man*, but *πέμπουσιν ἄνδρα* *they send a man*; *είδε τὴν θάλατταν* *he saw the sea*, but *είδεν ὄψιν* *he saw a vision*.

46. The adverb *οὐ* before a vowel with the smooth breathing becomes *οὐκ*: thus *οὐκ είδον* *did not see*. Before a vowel with the rough breathing it becomes *οὐχ* (cf. § 44, 4): so *οὐχ είλόμην* *did not choose*.

47. The preposition *έξ* *out of* appears as *έξ* before words beginning with a vowel, and *έκ* before words beginning with a consonant: thus *έξ ἄστεως* *from town*, but *έκ τῆς πόλεως* *from the city*.

44a. Final *αι* in the verb endings *-μαι, -σαι, -ται, -σθαι*, are occasionally elided in Homer; so also final *οι* in *μοί* and *σοί*.

44, 2a. Rarely Homer elides *-ι* in the dative singular of the third declension; oftener in the dative plural.

44, 4a. Herodotus retains the smooth mute: *ἀπ' ὧν, κατ-ίημι*.

## FINAL CONSONANTS

**48.** The only consonants allowed to stand at the end of a Greek word are  $\nu$ ,  $\rho$ , and  $\varsigma$ .

NOTE.—Observe that words ending in  $\psi$  ( $= \pi\varsigma$ ) or  $\xi$  ( $= \kappa\varsigma$ ) do not violate this rule.

## SYLLABLES

**49.** In Greek, as in Latin, each single vowel or diphthong makes a separate syllable. For example, *ὕγίεια* has four syllables.

**50.** In dividing a word into syllables a single consonant or any combination of consonants that can begin a word is customarily written with the following vowel: thus *ἰ-κα-νός* *suitable*, *ὄ-ψο-μαι* *shall see*, *ῥά-βδος* *wand*, *κά-μνω* *labor*.

Other combinations of consonants are divided: thus *ἵπ-πος* *horse*, *ἐλ-πίς* *hope*.

**51.** The last syllable of a word is called the *Ultima*, the next to the last the *Penult*, and the one before the penult the *Antepenult*.

## QUANTITY OF SYLLABLES

**52.** A syllable is long by Nature when it has a long vowel or a diphthong. Thus, in *κρί-νός-μην* all the syllables are long.

**53.** A syllable is long by Position (or Convention) when its vowel is followed by two consonants or a double con-

**52 a. Epic Shortening, or Half Elision.**—In Homer a diphthong or a long vowel at the end of a word is usually treated as a short syllable before a vowel at the beginning of the next word: thus *δέχθαι ἀποινα*, scanned — ∪ ∪ — ∪; *ἐγὼ οὐ*, scanned ∪ ∪ —.

sonant (§ 12, 3). Thus, in ὄρ-τυξ *quail* both syllables are long by position.

Of the two consonants one or both may be in the next word. Thus, in ἄλλος τόπος *another place* and ἄλλο στόμα *another mouth* the last syllable of the first word is long by position.

NOTE. — Observe, however, that the quantity of the *vowel* is not affected by position. The ε in λέξω is short, although the syllable in which it stands is long by “position.”

54. When a vowel naturally short is followed by a mute and a liquid (§ 12) the length of the syllable is Common, — that is, the syllable is used in verse either as long or short. Thus, in τέκνον *child*, τυφλός *blind*. τί χρῆ *what is to be done?* the first syllable is common.

NOTE. — The mute and the liquid must be in the same word; otherwise the syllable is long by position.

## ACCENT

55. The Greek accent consisted in a raising of the pitch of the accented syllable. It was not a *stress* accent like that of English.

53 a. In Homer even before a single liquid at the beginning of some words a syllable with a short vowel is long.

ἀπὸ μεγάροιο (υ — υ υ — υ) *from the hall*.

ὄρει νιφόνετι (υ υ — υ υ — υ) *snowy mountain (dat.)*.

A good many of these instances are to be explained by the loss of another consonant. Thus νιφόνετι stands for \*(σ)νιφοεντι (cf. § 22 a).

b. In Homer one of the consonants that make the preceding syllable long may be the unwritten *vau* (Ϝ) (see § 2 a). So κακὸν ἔπος *evil word* = κακὸν Ϝέπος (υ — υ υ).

54 a. In Homer a mute and a liquid almost always make the preceding syllable long: thus τὰ πρῶτα (— — υ) *the first*.

56. In Greek there are three kinds of accent,—the Acute (´), the Grave (`), and the Circumflex (^); the last being made up of the acute and the grave.

1. Every syllable of a Greek word had an accent, but, as the grave accent is of such frequent occurrence (standing on every syllable which has not the acute or circumflex), it was not written except in the case mentioned under § 67.

2. The marks of accent were not used in early times. They were invented about 200 B.C. for the help of foreigners and of others who were studying the Greek language.

57. The marks of accent are written over the vowel of the accented syllable.

1. In case of a diphthong the accent stands over the second vowel, unless the second vowel is *ι* subscript: thus *αὐτοῖς*, *αὐτοῦς*; but *αὐτῶ* (cf. § 8, 2 and note).

2. When both breathing and accent belong to the same vowel, the acute or the grave accent is written after the breathing: thus *ὅλος whole*, *ὅς ἔσται who shall be*. But the circumflex accent is written above the breathing: thus *ἦγε was leading*.

3. When breathing and accent belong to a capital letter they are placed before it: thus *Ἕλλην Greek*, *Ἕλις Elis*, *Ἅιδης Hades* (cf. § 8, 1).

#### RULES FOR ACCENT

58. The circumflex accent can stand only on a syllable long by nature (§ 52); the acute may stand on a long or a short syllable.

59. The circumflex accent may stand only on one of the last two syllables of a word; the acute may stand only on one of the last three syllables.



60. Moreover, if the last syllable is long by nature (§ 52), the circumflex may stand only on the last syllable, and the acute only on one of the last two syllables.

61. A long penult followed by a short final syllable must, if it has a written accent, have the circumflex.

NOTE.—Some further special rules of accent will be given under Inflection, but the *position* of the accents on Greek words must, in general, be learned by observation.

62. Examples of accented words are :

Acute on the ultima	(called oxytone)	ὁδός.
“ “ “ penult	(called paroxytone)	ἀνθρώπων.
“ “ “ antepenult	(called proparoxytone)	ἄνθρωπος.
Circumflex on the ultima	(called perispomenon)	χωρῶν.
“ “ “ penult	(called properispomenon)	γλῶττα.

63. The diphthongs *ai* and *oi* at the end of a word have the effect of short vowels on the accent,—except in the optative mood and in the adverb *οἴκοι*: thus *χῶραι* *lands*, *ἄνθρωποι* *men*; but *παιδεύοι*, optative of *παιδεύω* *educate*.

64. **Recessive Accent.**—A word is commonly said to have Recessive Accent when the written accent stands as far from the end of the word as the laws of accent (§§ 58–61) will allow. Thus, *ἐλύθην* *was loosed*, *ἐλῶν* *was loosing*, *θέατρον* *theater*, have recessive accent.

#### ACCENT OF CONTRACTED SYLLABLES

65. When two syllables contract into one, in case either of the original syllables had a written accent (that is, the acute or the circumflex), the syllable resulting from the contraction retains a written accent; otherwise it

has the unwritten grave (§ 56, 1). Thus,  $\tau\bar{\imath}\acute{\mu}\acute{\alpha}\text{-}\epsilon$  gives  $\tau\bar{\imath}\mu\grave{\alpha}$ , but  $\tau\acute{\imath}\mu\alpha\text{-}\epsilon$  gives  $\tau\acute{\imath}\mu\bar{\alpha}$ .

1. If the first of the two syllables originally had the acute, the acute combines with the unwritten grave (§ 56, 1) of the second syllable to form the circumflex. Thus,  $\tau\bar{\imath}\mu\acute{\alpha}\text{-}\omega$  (i.e.  $\tau\bar{\imath}\mu\acute{\alpha}\text{-}\grave{\omega}$ ) gives  $\tau\bar{\imath}\mu\hat{\omega}$ .

2. But if the second of the two syllables had the acute, the syllable resulting from the contraction also has the acute (since it is plain that  $\text{' '}$  will not combine into  $\text{'}$ ). Thus,  $\acute{\epsilon}\sigma\tau\alpha\text{-}\acute{\omega}\varsigma$  (i.e.  $\acute{\epsilon}\sigma\tau\alpha\text{-}\acute{\omega}\varsigma$ ) gives  $\acute{\epsilon}\sigma\tau\acute{\omega}\varsigma$ .

#### ACCENT OF ELIDED WORDS

66. In elision (§ 44) oxytone (§ 62) prepositions and conjunctions lose their written accent: thus  $\acute{\alpha}\lambda\lambda\text{'}$   $\acute{\epsilon}\phi\eta$  but *he said*, for  $\acute{\alpha}\lambda\lambda\grave{\alpha}$   $\acute{\epsilon}\phi\eta$ ; other words retain it, but on the preceding syllable: thus  $\acute{\epsilon}\pi\tau\text{'}$   $\eta\sigma\alpha\nu$  *were seven*, for  $\acute{\epsilon}\pi\tau\grave{\alpha}$   $\eta\sigma\alpha\nu$ .

NOTE. — In crasis (§ 43) the first of the two words loses its written accent.

#### CHANGE OF ACUTE TO GRAVE

67. Wherever a word having the acute accent on the last syllable is followed by another word in close connection, its acute changes to the grave: thus  $\pi\alpha\rho\acute{\alpha}$  *beside*,  $\tau\acute{\omicron}\nu$  *the*; but  $\pi\alpha\rho\grave{\alpha}$   $\tau\acute{\omicron}\nu$   $\beta\alpha\sigma\iota\lambda\acute{\epsilon}\alpha$  *to the side of the king*. (For  $\tau\acute{\omicron}\varsigma$  see § 148, 1.)

68. **Anastrophe.** — A preposition of two syllables having the acute accent on the last syllable, when it follows the substantive with which it is used, or when it does the duty of a verb, shifts its written accent from the last

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68 a. In Homer (and lyric poetry)  $\acute{\epsilon}\nu$ ,  $\acute{\epsilon}\iota\varsigma$ ,  $\acute{\epsilon}\xi$ , and  $\acute{\omega}\varsigma$ , if they follow the words they modify, take an acute accent: thus  $\kappa\alpha\kappa\acute{\omega}\nu$   $\acute{\epsilon}\xi$  *from the base*,  $\theta\epsilon\acute{\omicron}\varsigma$   $\acute{\omega}\varsigma$  *as a god*.

syllable to the first: thus *τούτων περί* *about this*; *πάρα*, for *πάρεστι*, *it is allowed*.

## PROCLITICS

**69.** A few words of one syllable attach themselves so closely to the following word that they lose their own written accent. They are called Proclitics (from *προκλίνω* *lean forward*). They are:

The forms *ὁ, ἡ, οἱ, αἱ*, of the article *the*;

The conjunctions *εἰ* *if*, *ὥς* *as*;

The prepositions *ἐν* *in*, *εἰς* (*ἐς*) *into*, *ἐξ* (*ἐκ*, § 47) *out of*, *ὥς* *to*;

The adverb *οὐ* (*οὐκ, οὐχ*, § 46) *not*.

1. When, however, a proclitic stands at the end of a sentence, or is followed by an enclitic (§ 70, 3), it receives a written accent. Thus *φῆς, ἢ οὐ*: *do you say yes or no?* *οὐ φημι* *I say no*.

## ENCLITICS

**70.** Some words of one or two syllables attach themselves so closely to the preceding word that they give up their own written accent. These words are called Enclitics (from *ἐγκλίνω* *lean upon*). They are:

The pronouns *μοῦ, μοί, μέ*; *σοῦ, σοί, σέ*; *οὔ, οἷ, ἔ*, and *σφίσι*.

See however § 139, 2;

The indefinite pronoun *τις, τι* in all its forms, and the indefinite adverbs *ποῦ, πῇ, ποῖ, ποθέν, ποτέ, πῶ, πῶς*;

The present indicative of *εἰμί* *am* and *φημί* *say*, except the second persons singular, *εἶ, φῆς*. (For the accent of *ἐστί* see § 262, 1);

The particles *γέ, τέ, τοί, πέρ*.

1. If the word preceding an enclitic has the acute accent on either of the last two syllables, or the circumflex

on the last syllable, its accent remains unchanged : thus *ἀνὴρ τις* *a man*, *λόγων τινῶν* (§ 71, 4) *of some words*, *χωρῶν τινῶν* *of some lands*.

2. If the word preceding an enclitic has the acute accent on the antepenult, or the circumflex on the penult, it adds an acute accent on the last syllable : thus *ἄνθρωποι τινες* *some men*, *γλῶττά τις* *a tongue*.

3. A proclitic (§ 69) before an enclitic takes an acute accent : thus *εἴ τις* *if anybody*, *οὐ φασι* *they deny* (see § 69, 1).

4. If several enclitics follow each other, the last alone remains without written accent ; each of the others receives an acute accent from the following enclitic : thus *εἴ ποὺ τίς τινα* [*ἴδοι*] *if anybody [should see] anybody anywhere*.

**71. Accent of Enclitics Retained.**— Enclitics retain their own accent :

1. When they begin a sentence, as *εἰσὶν ἄνδρες* *there are men* ;
2. When they are emphatic, as *ἀλλὰ σὲ λέγω* *but you I mean* ;
3. When the vowel which would be affected by the enclitic has been elided (§ 44), as *ταῦτ' ἐστί*, for *ταῦτά ἐστι*, *this is* ;
4. When an enclitic of two syllables follows a word which has the acute accent on the penult, as *ἀνθρώπου τινός* *of a man*.

NOTE. — Some words are so frequently combined with an enclitic that the combination comes to be regarded as one word. Thus, *ὥστε* *so that* (*ὥς* + *τε*), *καίτοι* *although* (*καί* + *τοι*), *οὗτινος* *of whomsoever* (*οὗ* + *τινος*), are not exceptions to the rule of accent given in §§ 59 and 61.

## PUNCTUATION

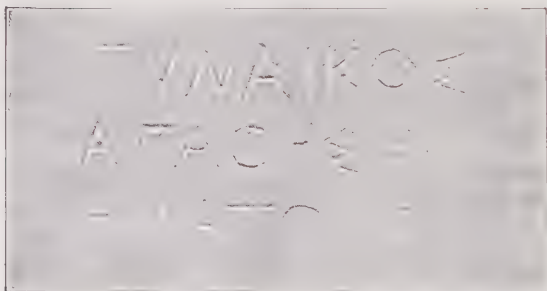
72. The Greek marks of punctuation are the period (.), colon (:), comma (,), and mark of interrogation (?).

The colon is a point above the line, and it takes the place of the English colon and semicolon.

NOTE. — The ancient Greeks seldom used any marks of punctuation, but wrote their words continuously. Thus ΕΔΟΞΕΝΤΗ ΒΟΥΛΗΚΑΙΤΩΔΗΜΩΙ — ἔδοξεν τῇ βουλῇ καὶ τῷ δήμῳ *It was voted by the Senate and the People.*

## ANCIENT GREEK WRITING ON STONE

(Of the Fifth Century B.C.)



ΓΥΝΑΙΚΟΣ | ΑΓΑΘΗΣΜΝ | ΗΜΑΤΟΔΕ

γυναικὸς ἀγαθῆς μνῆμα τόδε  
*a good wife's monument (is) this.*



## INFLECTION

**73.** Inflection is a change in the form of a word to indicate its relation to other words.

1. In inflection a part of the word remains the same, and is called the Stem. Thus, the stem of *ἄνθρωπος* *man* is *ἄνθρωπο-*, and *-s* is the ending of the nominative case; in *ἔ-λῦε* *he was loosing*, *λῦε-* is a stem of the present system, and *ἐ-* is a prefix denoting past time. (See also § 163.) Some words, in their inflection, show more than one form of stem.

2. The inflection of Nouns (Substantives and Adjectives) and Pronouns is called Declension; the inflection of Verbs is called Conjugation.

## NOUNS

### (SUBSTANTIVES AND ADJECTIVES)

**74. Gender, Number, and Case.** — There are in Greek

Three **GENDERS** : Masculine, Feminine, and Neuter;

Three **NUMBERS** : Singular, Dual, and Plural;

Five **CASES** : Nominative, Genitive, Dative, Accusative, and Vocative.

**NOTE 1.** — The dual number refers to two objects. It has but two forms, one for the nominative, accusative, and vocative, the other for the genitive and dative.

**NOTE 2.** — The vocative in the plural is always like the nominative; in the singular it is often so.

**NOTE 3.** — Neuter words always have the nominative and vocative like the accusative; in the plural these cases always end in *-α* (at least before contraction).

**75. Declensions.** — There are in Greek three declensions of nouns, classed according to the endings of the stems. The First Declension has stems ending in  $-\tilde{\alpha}$ , the Second Declension has stems ending in  $-o$ . These two together are sometimes called the Vowel Declension. The Third Declension has mostly stems ending in a consonant (see § 93) and is called the Consonant Declension.

**76. Case Endings.** — The case endings of the vowel and the consonant declension have many points in common, as may be seen from the following table: —

	VOWEL DECLENSION			CONSONANT DECLENSION		
	MASC.	FEM.	NEUT.	MASC.	FEM.	NEUT.
Sing. Nom.	-s	none	-v	-s or none	none	none
Gen.	-io	-s	-io	-os		-os
Dat.	i		-i	-i		-i
Acc.	-v		-v	-v or -a		none
Voc.	none		-v	none		none
Dual N.A.V.	none		none	-e		-e
G.D.	-iv		-iv	-oiv		-oiv
Plur. N.V.	-i		-a	-es		-a
Gen.	-ων		-ων	-ων		-ων
Dat.	-ιοι, -is		-ιοι, -is	-οι		-οι
Acc.	-vs		-a	-vs or -as		-a

**76 a.** Homer sometimes uses also  $-\thetaεν$  as an ending of the genitive singular: thus  $\alpha\pi\delta\ \tau\rho\acute{o}\lambda\eta\thetaεν$  *from Troy*,  $\xi\varsigma\ \acute{\alpha}\lambda\acute{o}\thetaεν$  *out of the sea*.

**b.** For the dative plural of the consonant declension Homer uses also the ending  $-\epsilonσσι$ . (See § 99 a.)

**c. Epic Case Ending  $-\phiι(v)$ .** — Epic poetry has a peculiar case ending,  $-\phiι(v)$ , which serves as genitive or dative either singular or plural: thus  $\beta\lambda\eta-\phiι$  *with violence*,  $\alpha\pi'\ \delta\chi\epsilonσ-\phiι$  *from the car*,  $\pi\alpha\rho\acute{\alpha}\ \nu\alpha\upsilon-\phiιν$  *beside the ships*.

**NOTE. — Locative Case.** — There are in Greek some relics of a Locative Case, confined mostly to names of places. The ending of the locative in the singular is *-ι* and in the plural *-σι*: thus Πύθοι at *Pytho* (*Delphi*), οἶκοι at *home*, Ἄργει at *Argos*, Ἀθήνησι at *Athens*.

**77. Accent in Declension.** — 1. The written accent of a noun, throughout its declension, remains on the same syllable as in the nominative singular, or as near that syllable as the general laws of accent will allow: thus ἄνθρωπος *man*, acc. sing. ἄνθρωπον, nom. plur. ἄνθρωποι, but gen. sing. ἀνθρώπου (§ 60), dat. plur. ἀνθρώποις; ὄνομα *name*, gen. sing. ὀνόματος (§ 59), gen. plur. ὀνομάτων (§ 60).

2. In the genitive and dative of all numbers a long final syllable, if it has written accent, has the circumflex: thus ποταμός *river*, dat. sing. ποταμῶ; πούς *foot*, gen. plur. ποδῶν.

## SUBSTANTIVES

### GENERAL RULES FOR GENDER

**78. 1. MASCULINE** are names of Males, of Winds, of Rivers, and of Months.

2. **FEMININE** are names of Females, and most names of Lands, Islands, Towns, Trees, and Abstract Ideas.

3. **NEUTER** are most Diminutives (§ 283) and most names of Fruits.

**NOTE. — Common Gender.** — Some names of beings may be used either as masculine or feminine, as occasion requires. Thus, παῖς *child* may be masculine or feminine, and may mean *boy* or *girl*.

**79.** It is customary to indicate the gender of Greek words by means of the article (§ 144): ὁ for masculine, ἡ for feminine, and τό for neuter.

## FIRST DECLENSION

(THE *-a* DECLENSION)

80. Words of the first declension are feminine or masculine. They have stems ending in *ā*. In many of the forms this *ā* is shortened or disguised.

## A. FEMININES

81. The feminines form two classes: (1) those ending in *-ā* or *-η*, and (2) those ending in short *-a*.

They are declined as follows:

FIRST CLASS				SECOND CLASS			
	ἡ χώρα <i>land</i> .	ἡ τιμή <i>honor</i> .		ἡ γέφυρα <i>bridge</i> .	ἡ γλῶττα <i>tongue</i> .		
	(stem χωρά-) (stem τιμά-)			(stem γεφύρα-) (stem γλωττά-)			
	SINGULAR			SINGULAR			
Nom.	χώρᾱ	τιμή		γέφυρα	γλῶττα		
Gen.	χώρᾱς	τιμῆς		γεφύρας	γλώττης		
Dat.	χώρᾱ	τιμῇ		γεφύρᾱ	γλώττῃ		
Acc.	χώρᾱν	τιμήν		γέφυραν	γλῶτταν		
Voc.	χώρᾱ	τιμή		γέφυρα	γλῶττα		
	DUAL			DUAL			
N.A.V.	χώρᾱ	τιμά		γεφύρᾱ	γλώττᾱ		
G.D.	χώραιν	τιμαῖν		γεφύραιν	γλώτταιν		
	PLURAL			PLURAL			
N.V.	χωραι	τιμαί		γεφύραι	γλώτται		
Gen.	χωρών	τιμών		γεφύρων	γλωττών		
Dat.	χωραῖς	τιμαῖς		γεφύραις	γλώτταις		
Acc.	χωράς	τιμάς		γεφύρας	γλώττας		

Other examples of the first class are: *ἡμέρᾱ day* (gen. sing. *ἡμέρᾱς*, nom. plur. *ἡμέραι*), *σκιά shadow* (gen. sing. *σκιάς*, nom. plur. *σκιαί*), *πύλη gate* (gen. sing. *πύλης*, nom. plur. *πύλαι*), *γνώμη judgment* (gen. sing. *γνώμης*, nom. plur. *γνώμαι*).

Other examples of the second class are: *μοῖρα fate* (gen. sing. *μοίρᾱς*, nom. plur. *μοῖραι*), *δόξα opinion* (gen. sing. *δόξης*, nom. plur. *δόξαι*), *τράπεζα table* (gen. sing. *τραπέζης*, nom. plur. *τράπεζαι*).

82. Observe that the second class has short *-a* in the final syllable of three cases of the singular — nominative, accusative, and vocative. The first class, on the other hand, has a long vowel (*ā* or *η*) in the final syllable throughout the singular.

83. All words of the first class originally ended in *-ā*. This *ā* is retained if immediately preceded by *ε*, *ι*, or *ρ* (cf. § 15); thus *γενεᾶ*, *σοφία*, *χώρᾱ*. Otherwise it is changed to *η* throughout the singular: thus *τιμή* (formerly *τιμᾶ*).

1. In the genitive and dative singular of words of the second class, the use of *ā* or *η* is determined by the same rule: thus *γεφύρᾱς* (because *ρ* precedes the *ā*), but *γλώττης*.

84. The Genitive Plural of the first declension always has the circumflex accent on the last syllable, because *-ōν* is contracted from *-ā-ων* (originally *\*-ā-σων*; cf. § 37, and the Latin ending *-arum* in *stellarum*): thus *χωρῶν* for *χωράων*.

NOTE. — In the accusative plural *-ās* is for *-āvs* (§ 34).

83 a. In Ionic long *ā* of the singular of the first declension is always changed to *η*: e.g., *χώρη*, *γενεή*, *σοφίη*, *μοίρης*, for Attic *χώρᾱ*, *γενεᾶ*, *σοφία*, *μοίρᾱς* (see § 15 a).

84 a. In the genitive plural Homer has the older form *-ᾶων* (*πυλᾶων*) and rarely the Ionic *-έων* (*πυλέων*). Cf. § 17.

b. In the dative plural Ionic has *-ησι* (*γλώσσησι*); Homer uses also, though rarely, *-ης* (*πέτρης* to *rocks*).

## B. MASCULINES

85. The masculines have the case ending -ς in the nominative singular. They are declined as follows:

	ὁ νεανίας <i>young man.</i> (stem νεανιά-)	ὁ πολίτης <i>citizen.</i> (stem πολίτᾱ-)	ὁ Ἀτρείδης <i>son of Atrous</i> (stem Ἀτρεῖδᾱ-)
	SINGULAR		
Nom.	νεανιά-ς	πολίτη-ς	Ἀτρείδης
Gen.	νεανίου	πολίτου	Ἀτρείδου
Dat.	νεανίᾳ	πολίτῃ	Ἀτρείδῃ
Acc.	νεανιά-ν	πολίτη-ν	Ἀτρείδη-ν
Voc.	νεανία	πολίτα	Ἀτρείδη
	DUAL		
N.A.V.	νεανία	πολίτᾱ	Ἀτρεῖδᾱ
G.D.	νεανίαιν	πολίταιν	Ἀτρεῖδαιν
	PLURAL		
N.V.	νεανίαι	πολίται	Ἀτρεῖδαι
Gen.	νεανιῶν	πολιτῶν	Ἀτρειδῶν
Dat.	νεανίαις	πολίταις	Ἀτρεΐδαις
Acc.	νεανίας	πολίτας	Ἀτρεΐδας

Other examples for declension are ταμίας *steward* (like νεανίας), στρατιώτης *soldier* (like πολίτης), κριτής *judge* (gen. sing. κριτοῦ, voc. κριτά, nom. plur. κριταί), Κρονίδης *son of Kronos* (like Ἀτρείδης, but nom. plur. Κρονίδαι).

86. In the last syllable of the singular  $\bar{a}$  is retained after  $\epsilon$ ,  $\iota$ , and  $\rho$  (§ 15); otherwise it changes to  $\eta$ . Compare § 83.

87. The vocative singular of words in -ης, like Ἀτρείδης, ends in -η; but all words in -της, and compound nouns

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85 a. In some masculine words Homer has -τα for -της, e.g. ἵππota = ἵπότης *horseman* (cf. Latin *poeta*, Greek ποιητής).



and names of nationality in *-ης* have short *-a* in the vocative: thus *πολίτα*, voc. of *πολίτης citizen*; *σίτοπῶλα*, voc. of *σίτοπῶλης grain seller*; *Πέρσα*, voc. of *Πέρσης Persian*.

NOTE. — The ending *-ον* of the genitive singular is borrowed bodily from the second declension (cf. § 87 a).

88. In some words *-εα* (or *-αα*) is contracted to *-ᾶ* or *-η*. All cases then have the circumflex (§ 65, 1). Such words are declined as follows:

ἡ μινᾶ <i>mina</i> .		ἡ γῆ <i>land</i> .		ὁ Ἑρμῆς <i>Hermes</i> .	
(stem μινᾶ- for μινᾶᾱ-)		(stem γῆ- for γεᾶ or γαᾶ)		(stem Ἑρμη- for Ἑρμεᾶ-)	
SINGULAR					
Nom.	μινᾶ		γῆ		Ἑρμῆς
Gen.	μινᾶς		γῆς		Ἑρμοῦ
Dat.	μινᾷ		γῇ		Ἑρμῇ
Acc.	μινᾶ-ν		γῆ-ν		Ἑρμῆ-ν
Voc.	μινᾶ		γῆ		Ἑρμῆ
DUAL					
N.A.V.	μινᾶ		γᾶ		Ἑρμᾶ
G.D.	μινᾶιν		γαῖν		Ἑρμαῖν
PLURAL					
N.V.	μινᾶι		γαῖ		Ἑρμαῖ
Gen.	μινῶν		γῶν		Ἑρμῶν
Dat.	μινᾶις		γαῖς		Ἑρμαῖς
Acc.	μινᾶς		γᾶς		Ἑρμᾶς

So also is declined *Boppâs* (for *Bopéâs* with irregular *-pp-*) *north wind*, in the singular only.

87 a. In the genitive singular masculine, Homer has the earlier (and proper) form *-ᾶο* (*Ἀτρεῖδᾶο*), and sometimes the Ionic form *Ἀτρείδεω*, the accent remaining as in the original form (see § 17).

88 a. The Ionic generally has the uncontracted forms; thus *Bopéης*, *Ἑρμέᾳ* for Attic *Boppâs*, *Ἑρμῇ*.

## SECOND DECLENSION

**89.** Words of the Second Declension are nearly all masculine or neuter. The few feminines are declined like the masculines. The stems end in *ο*.

The nominative singular of masculines and feminines ends in *-ος*. The nominative, vocative, and accusative of neuters are alike, and they end in the singular in *-ον*, and in the plural in *-α*.

**90.** Words of the second declension are inflected as follows :

ὁ λόγος *word*.    ὁ (or ἡ) ἄνθρωπος *man*.    ἡ ὁδός *road*.    τὸ δῶρον *gift*.  
(stem λογο-)      (stem ἄνθρωπο-)      (stem ὁδο-)      (stem δωρο-)

## SINGULAR

Nom.	λόγος	ἄνθρωπος	ὁδός	δῶρον
Gen.	λόγου	ἀνθρώπου	ὁδοῦ	δώρου
Dat.	λόγῳ	ἀνθρώπῳ	ὁδῷ	δώρῳ
Acc.	λόγον	ἄνθρωπον	ὁδόν	δῶρον
Voc.	λόγε	ἄνθρωπε	ὁδέ	δῶρον

## DUAL

N.A.V.	λόγῳ	ἀνθρώπῳ	ὁδῷ	δώρῳ
G.D.	λόγοιν	ἀνθρώποιν	ὁδοῖν	δώροιν

## PLURAL

N.V.	λόγοι	ἄνθρωποι	ὁδοί	δῶρα
Gen.	λόγων	ἀνθρώπων	ὁδῶν	δώρων
Dat.	λόγοις	ἀνθρώποις	ὁδοῖς	δώροις
Acc.	λόγους	ἀνθρώπους	ὁδοὺς	δῶρα

**90 a.** In the genitive singular Homer has *-οιο*, *-οο* (rarely), and *-ον* : thus *πολέμοιο*, *πολέμοο*, *πολέμον* *of war*.

**b.** In the genitive and dative dual Homer has *-οιιν* for Attic *οιν* : thus *ἵπποιιν*, from *ἵππος* *horse*.

**c.** In the dative plural Homer usually has *-οισι* ; Herodotus always has *ι* : thus *ἀνθρώποισι* *to men*.

So also are declined νόμος *law* (gen. sing. νόμου, nom. plur. νόμοι), κίνδυνος *danger*, ταῦρος *bull* (nom. plur. ταῦροι), ποταμός *river*, στρατηγός *general*, νῆσος (fem.) *island*, μέτρον *measure*, ἱμάτιον *cloak*.

#### CONTRACT SUBSTANTIVES OF THE SECOND DECLENSION

91. Words which have stems ending in -οο and -εο undergo contraction in accordance with the rules given in §§ 18 and 19. They are thus declined :

ὁ νοῦς <i>mind</i> . (stem νοο-)	ὁ περίπλους <i>voyage around</i> , <i>circumnavigation</i> . (stem περιπλοο-)	τὸ ὀστοῦν <i>bone</i> . (stem ὀστέο-)
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##### SINGULAR

Nom.	νοῦ-ς (νόο-ς)	περίπλου-ς (περίπλοο-ς)	ὀστοῦ-ν (ὀστέο-ν)
Gen.	νοῦ (νόου)	περίπλου (περιπλόου)	ὀστοῦ (ὀστέου)
Dat.	νόῳ (νόῳ)	περίπλῳ (περιπλόῳ)	ὀστέῳ (ὀστέῳ)
Acc.	νοῦ-ν (νόο-ν)	περίπλου-ν (περίπλοο-ν)	ὀστοῦ-ν (ὀστέο-ν)
Voc.	νοῦ (νόε)	περίπλου (περίπλοε)	ὀστοῦ-ν (ὀστέο-ν)

##### DUAL

N.A.V.	νώ (νόω)	περίπλω (περιπλόω)	ὀστώ (ὀστέω)
G.D.	νοῖν (νόοιν)	περίπλοιν (περιπλόοιν)	ὀστοῖν (ὀστέοιν)

##### PLURAL

N.V.	νοῖ (νόοι)	περίπλοι (περίπλοοι)	ὀστά (ὀστέα)
Gen.	νῶν (νόων)	περίπλων (περιπλόων)	ὀστέων (ὀστέων)
Dat.	νοῖς (νόοις)	περίπλοις (περιπλόοις)	ὀστοῖς (ὀστέοις)
Acc.	νοῦς (νόους)	περίπλους (περιπλόους)	ὀστά (ὀστέα)

So also are declined ὁ ῥοῦς (ῥόος) *stream*, τὸ κανοῦν (κάνεον, cf. § 118, 3) *basket*.

1. Observe that the contraction of ὀστᾶ is contrary to the rule of § 18, 6.

2. Observe that the nominative dual, if it has written accent on the last syllable, has the acute (contrary to § 65, 1): thus νώ (irregularly from νόω).

3. Observe that contracted compounds have recessive accent (§ 64) in spite of the contraction: thus *περίπλω* (for *περιπλόω*), *εὔνοι* (for *εὔνοοι*) *kindly disposed*. But the written accent almost never goes back of the syllable on which it stood in the nominative singular (§ 77): thus *περίπλοι* (not *πέριπλοι*).

## STEMS IN -ω-

## ATTIC SECOND DECLENSION

92. To the second declension belong also a few words whose stems end in *ω*. They are thus declined:

ὁ νεώς *temple*. (stem νεω-)

SINGULAR	DUAL	PLURAL
Nom. νεώς		Nom. νεῶ
Gen. νεώ	N.A.V. νεώ	Gen. νεών
Dat. νεῶ	G.D. νεῶν	Dat. νεώς
Acc. νεών		Acc. νεώς
Voc. νεώς		Voc. νεῶ

So also *λεώς people*, *κάλως cable*.

1. Observe that the genitive and dative, when they have written accent on the last syllable, take the acute, contrary to § 77, 2.

2. Many of these words were produced by an interchange of quantity (§ 17), *āo* becoming *εω*: thus *λεώς* from *λαῶς*. In such words the long vowel at the end does not affect the position of the accent (cf. § 60): thus *Μενέλεως Menelaus* (from *Μενεῶς*).

3. Some words have no *ν* in the accusative singular. Thus *λαγώς hare* has acc. sing. *λαγώ* and *λαγών*; *ἔως dawn* has only *ἔω*.

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92 a. This form of declension is confined almost wholly to Attic. In Ionic most of these words follow the ordinary second declension. So, for Attic *λεώς*, *νεώς*, *κάλως*, *λαγώς*, Ionic has *λαῶς*, *νηός*, *κάλος*, *λαγῶς* or *λαγός*.

## THIRD DECLENSION

**93.** Words of the Third (or Consonant) Declension have stems ending in a consonant, or in a vowel (*ι* or *υ*) which may sometimes be sounded as a consonant. A few stems appear to end in *ο* (but see §§ 112, 113).

1. The stem of words of this declension may usually be found by dropping the ending *-ος* of the genitive singular.

**94. Gender.** — The gender of words of the third declension must usually be learned by observation, but a few general rules may be given.

1. Stems ending in a labial or a palatal mute are never neuter.

2. **MASCULINE** are stems ending in *ευ*, *ντ*, *ητ* (except those in *-τητ-*), *ωτ*, and *ρ* (except those in *-αρ-*).

3. **FEMININE** are stems ending in *τητ*, *δ*, *θ*, *ι* (with nom. in *-ις*), and *υ* (with nom. in *-υς*).

4. **NEUTER** are stems ending in *αρ*, *ασ*, *ατ*, *εσ* (with nom. in *-ος*), and *υ* (with nom. in *-υ*).

## FORMATION OF CASES

**95. Neuters.** — Neuter words of the third declension regularly have the nominative, accusative, and vocative singular like the simple stem. A final *τ* is dropped (§ 48): thus *σῶμα* (stem *σωματ*) *body*.

**96. Masculine and Feminine Nominative Singular.** — Most masculine and feminine words of the third declension form the nominative by adding *-ς* to the stem. For the euphonic change which may follow, see §§ 28–30, 34: thus *κλίμαξ* (for *\*κλιμακ-ς*) *ladder* (cf. Latin *dux, ducis*).

1. But stems in *-ν-*, *-ρ-*, *-σ-*, and *-οντ-* regularly have in the nominative only the simple stem with a long vowel

(§ 13): thus λιμήν (λιμεν-) *harbour*, ῥήτωρ (ῥητορ-) *orator*, Σωκράτης (Σωκρατεσ-) *Socrates*, λέων (λεοντ-) *lion* (§ 48).

NOTE.—Some of these words retain the long vowel of the nominative throughout their declension: thus Ἑλλήν *Greek*, gen. Ἑλληνος, etc.; χειμῶν *winter*, gen. χειμῶνος, etc.

**97. Accusative Singular.**—The accusative singular of masculine and feminine words adds *-a* to consonant stems and *-v* to vowel stems: thus πούς *foot* (stem ποδ-), accus. sing. πόδ-*a*; but πόλις *city* (stem πολι-), accus. sing. πόλιν. (Cf. § 14, 2 note.)

1. But stems of more than one syllable ending in *ιτ* or *ιδ*, without written accent on the last syllable, almost always drop the final mute and take the ending *v*: thus ἔρις *strife* (stem ἐριδ-), accus. sing. ἔριν.

**98. Vocative Singular.**—The vocative singular is regularly the mere stem: thus δαίμων *divinity*, voc. δαῖμον (stem δαιμον-); γέρον *old man*, voc. γέρον (stem γεροντ-, see § 48).

1. But masculine and feminine words which form their nominative singular without *s* (§ 96, 1), when they have written accent on the last syllable, and *all other mute stems* (except those in *-ιδ*), use the nominative singular as vocative: thus ποιμήν (stem ποιμεν-) *shepherd*, voc. ποιμήν; φύλαξ (stem φυλακ-) *watchman*, voc. φύλαξ (but ἐλπὶς (stem ἐλπιδ-), voc. ἐλπί).

**99. Dative Plural.**—When *v* alone is dropped before the ending *-σι* of the dative plural (§ 34), the preceding

**99 a.** In the dative plural Homer has *-σι(v)* and *-εσσι(v)*, sometimes *-σσι(v)* after vowels. Thus he has ποσσὶ (\*ποδ-σι), ποσί, and πόδεσσι *with feet*, νέκυ-σσι *to corpses*. Very rarely we find *-εσι*: χεῖρ-εσι *with hands*.

**b.** In the genitive and dative dual Homer has *-οιν* for Attic *-οιν*. Thus ποδοῖν *of or with two feet*.



vowel remains unchanged, contrary to § 34: thus *ποιμέσι* to *shepherds*, for \**ποιμεν-σι*; *δαίμοσι* to *divinities*, for \**δαιμον-σι*.

1. But when *ντ* is dropped, the preceding vowel is lengthened: thus *λέουσι* to *lions*, for \**λεοντ-σι*; *πᾶσι* to *all*, for \**παντ-σι*.

**100. Special Rule of Accent.**—Words with stems of one syllable in the third declension regularly have the written accent on the last syllable of the genitive and dative of all numbers. If the last syllable is long, it receives the circumflex (§ 77, 2): thus *πούς* *foot*, gen. sing. *ποδός*, gen. plur. *ποδῶν*, dat. plur. *ποσί*.

NOTE.—For exceptions see *δαῖς* (§ 115, 5), *δμῶς* (§ 115, 7), *οὔς* (§ 115, 18), *παῖς* (§ 115, 19), *πᾶς* (§ 125, 2), *Τρώς* (§ 115, 23), and *ῶν* (§ 129, 3).

## CONSONANT STEMS

**101. Labial and Palatal Stems.**—Stems ending in a labial or palatal mute are thus declined:

	ὁ φύλαξ <i>watchman.</i>	ἡ φάλαγξ <i>phalanx.</i>	ἡ θρίξ <i>hair.</i>	ὁ κλώψ <i>thief.</i>	ἡ φλέψ <i>vein.</i>
	(stem φυλακ-)	(stem φαλαγγ-)	(stem τριχ-)	(stem κλωπ-)	(stem φλεβ-)
SINGULAR					
Nom.	φύλαξ	φάλαγξ	θρίξ	κλώψ	φλέψ
Gen.	φύλακ-ος	φάλαγγ-ος	τριχ-ός	κλωπ-ός	φλεβ-ός
Dat.	φύλακ-ι	φάλαγγ-ι	τριχ-ί	κλωπ-ί	φλεβ-ί
Acc.	φύλακ-α	φάλαγγ-α	τριχ-α	κλώπ-α	φλέβ-α
Voc.	φύλαξ	φάλαγξ	θρίξ	κλώψ	φλέψ
DUAL					
N.A.V.	φύλακ-ε	φάλαγγ-ε	τριχ-ε	κλώπ-ε	φλέβ-ε
G.D.	φυλάκ-οιν	φαλάγγ-οιν	τριχ-οῖν	κλωπ-οῖν	φλεβ-οῖν
PLURAL					
N.V.	φύλακ-ες	φάλαγγ-ες	τριχ-ες	κλώπ-ες	φλέβ-ες
Gen.	φυλάκ-ων	φαλάγγ-ων	τριχ-ῶν	κλωπ-ῶν	φλεβ-ῶν
Dat.	φύλαξι	φάλαγγι	θριξί	κλωψί	φλεψί
Acc.	φύλακ-ας	φάλαγγ-ας	τριχ-ας	κλώπ-ας	φλέβ-ας

So also are declined ὁ Αἰθίοψ (stem Αἰθιοπ-) *Aethiopian*, ὁ χάλυψ (stem χαλυβ-) *steel*, ἡ κλίμαξ (stem κλιμακ-) *ladder*, ἡ μάστιξ (stem μαστιγ-) *whip*, ὁ ὄνυξ (stem ὄνυχ-) *claw*.

1. For the ξ and ψ in the nominative singular and dative plural see §§ 28 and 29. For the vocative singular see § 98, 1. For the change of θ to τ in θρίξ see § 41.

**102. Lingual Stems.**—Stems ending in a lingual mute are thus declined :

#### MASCULINE AND FEMININE

	ὁ θής <i>serf.</i> (stem θητ-)	ἡ ἐλπίς <i>hope.</i> (stem ἐλπιδ-)	ἡ ἔρις <i>strife.</i> (stem ἐριδ-)	ἡ νύξ <i>night.</i> (stem νυκτ-)	ὁ γέρων <i>old man.</i> (stem γεροντ-)
SINGULAR					
Nom.	θής	ἐλπίς	ἔρις	νύξ	γέρων
Gen.	θητ-ός	ἐλπίδ-ος	ἐριδ-ος	νυκτ-ός	γεροντ-ος
Dat.	θητ-ί	ἐλπίδ-ι	ἐριδ-ι	νυκτ-ί	γεροντ-ι
Acc.	θητ-α	ἐλπίδ-α	ἔριν	νύκτ-α	γέροντ-α
Voc.	θής	ἐλπί	ἔρι	νύξ	γέρον
DUAL					
N.A.V.	θητ-ε	ἐλπίδ-ε	ἐριδ-ε	νύκτ-ε	γεροντ-ε
G.D.	θητ-οῖν	ἐλπίδ-οιν	ἐριδ-οιν	νυκτ-οῖν	γερόντ-οιν
PLURAL					
N.V.	θητ-ες	ἐλπίδ-ες	ἐριδ-ες	νύκτ-ες	γέροντ-ες
Gen.	θητ-ῶν	ἐλπίδ-ων	ἐρίδ-ων	νυκτ-ῶν	γερόντ-ων
Dat.	θησί	ἐλπίσι	ἐρισι	νυξί	γέρουσι
Acc.	θητ-ας	ἐλπίδ-ας	ἐριδας	νύκτ-ας	γέροντ-ας

So also are declined ὁ ἔρως (stem ἐρωτ-) *love*, ἡ ἐσθής (stem ἐσθητ-, gen. sing. ἐσθῆτος) *clothing*, ἡ λαμπάς (stem λαμπαδ-, gen. sing. λαμπάδος) *torch*, ἡ χάρις (stem χαριτ-)

**102 a.** In Ionic a few stems in -ωτ- have forms without τ (cf. § 103, 2 a). Thus χρώς *skin*, gen. sing. χροός, dat. χροῖ, acc. χροά; ἰδρῶς *sweat*, dat. sing. ἰδρῶ.

*favor*, ὁ γίγας (stem γιγαντ-) *giant*, ὁ λέων (stem λεοντ-) *lion*, ὁ ὀδούς (stem ὀδοντ-, gen. sing. ὀδόντος) *tooth* (the nominative singular is formed contrary to § 96, 1).

1. For the dropping of τ (and ντ), δ, or θ before σ in the nominative singular and dative plural see § 30. For the dative plural of stems in -ντ- (like γέρουσι) see § 99, 1. For the vocative singular see § 98, 1. For the accusative singular of stems in -ιτ- and -ιδ- (χάριν, ἔριν) see § 97, 1.

## 103.

## NEUTER

τὸ σῶμα *body* (stem σωματ-)

SINGULAR		DUAL		PLURAL	
Nom.	σῶμα			Nom.	σώματ-α
Gen.	σώματ-ος	N.A.V.	σώματ-ε	Gen.	σώματ-ων
Dat.	σώματ-ι	G.D.	σώματ-οιν	Dat.	σώμασι
Acc.	σῶμα			Acc.	σώματ-α
Voc.	σῶμα			Voc.	σώματ-α

So also are declined στόμα (stem στοματ-) *mouth*, ὄνομα (stem ὀνοματ-) *name*, μέλι (stem μελιτ-) *honey*, γάλα (stem γαλακτ-) *milk* (§ 48).

1. A few words form their nominative from a stem in -ρ- (§ 73, 1): thus ἥπαρ (gen. sing. ἥπατ-ος) *liver*, ἡμαρ (gen. sing. ἡματ-ος) *day* (poetic).

2. Four words, πέρας, πέρατος, *end*; τέρας, τέρατος, *prodigy*; κέρας, κέρατος, *horn*; φῶς (contracted from φάος), φωτός, *light*, form their nominatives singular from a stem ending in σ (§ 73, 1). (For the full declension of κέρας see § 115, 10.)

103, 2 a. In Ionic κέρας and τέρας have no forms with -ι. Thus Homer has dat. sing. κέραι, nom. plur. κέρα, gen. plur. κέραων, dat. plur. κέρασι and κέραεσι. Herodotus changes ε to ι before a vowel (of § 106 c), but does not contract: thus τέρεος, κέρει, κέρεα, κέρεων. Of φῶς *light* Homer uses only the uncontracted form φάος (sometimes wrongly written φῶς), dat. φάει, plur. φάεα.

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**104. Liquid Stems.** — Stems ending in a liquid are thus declined :

	ὁ λιμήν <i>harbor.</i> (stem λιμεν-)	ὁ δαίμων <i>divinity.</i> (stem δαιμον-)	ὁ ἀγών <i>contest.</i> (stem ἀγων-)	ὁ ῥήτωρ <i>orator.</i> (stem ῥητορ-)
SINGULAR				
Nom.	λιμήν	δαίμων	ἀγών	ῥήτωρ
Gen.	λιμέν-ος	δαίμον-ος	ἀγών-ος	ῥήτορ-ος
Dat.	λιμέν-ι	δαίμον-ι	ἀγών-ι	ῥήτορ-ι
Acc.	λιμέν-α	δαίμον-α	ἀγών-α	ῥήτορ-α
Voc.	λιμήν	δαίμον	ἀγών	ῥήτορ
DUAL				
N.A.V.	λιμέν-ε	δαίμον-ε	ἀγών-ε	ῥήτορ-ε
G.D.	λιμέν-οιν	δαίμόν-οιν	ἀγών-οιν	ῥητόρ-οιν
PLURAL				
N.V.	λιμέν-ες	δαίμον-ες	ἀγών-ες	ῥήτορ-ες
Gen.	λιμέν-ων	δαιμόν-ων	ἀγών-ων	ῥητόρ-ων
Dat.	λιμέσι	δαίμοσι	ἀγώσι	ῥήτορσι
Acc.	λιμέν-ας	δαίμον-ας	ἀγών-ας	ῥήτορ-ας

So also are declined ὁ μῆν (stem μην-) *month*, ὁ αἰών (stem αἰων-) *age*, ὁ κρατήρ (stem κρατηρ-) *mixing bowl*, ὁ φῶρ (stem φωρ-) *thief*, ὁ θήρ (stem θηρ-) *wild beast*.

1. For the dative plural see § 99.

NOTE. — In the vocative singular three words, σωτήρ *savior*, Ἀπόλλων *Apollo*, and Ποσειδῶν *Poseidon*, have a short vowel (§ 13) in the last syllable of the stem (contrary to § 98, 1) and throw the written accent back upon the first syllable: thus σῶτερ, Ἀπολλον, Ποσειδον (cf. § 105, 2).

**105.** Five substantives of the third declension with stems ending in ρ show in their inflection two forms of the stem, one with ε, and the other with no vowel (or with α). See §§ 14 and 73, 1.

These are: πατήρ *father*, μήτηρ *mother*, θυγάτηρ *daughter*, γαστήρ *belly*, ἀνήρ *man*. In ἀνήρ, a δ is developed

between the *ν* and *ρ* whenever they come together. These words are thus declined :

	ὁ πατήρ <i>father</i> . (stem πατερ- or πατρ-)	ἡ μήτηρ <i>mother</i> . (stem μητερ- or μητρ-)	ἡ θυγάτηρ <i>daughter</i> . (stem θυγατερ- or θυγατρ-)	ὁ ἀνὴρ <i>man</i> . (stem ἀνερ- or ἀν(δ)ρ-)
SINGULAR				
Nom.	πατήρ	μήτηρ	θυγάτηρ	ἀνὴρ
Gen.	πατρ-ός	μητρ-ός	θυγατρ-ός	ἀνδρ-ός
Dat.	πατρ-ί	μητρ-ί	θυγατρ-ί	ἀνδρ-ί
Acc.	πατέρ-α	μητέρ-α	θυγατέρ-α	ἄνδρ-α
Voc.	πάτερ	μήτερ	θύγατερ	ἄνερ
DUAL				
N.A.V.	πατέρ-ε	μητέρ-ε	θυγατέρ-ε	ἄνδρ-ε
G.D.	πατέρ-οιν	μητέρ-οιν	θυγατέρ-οιν	ἀνδρ-οῖν
PLURAL				
N.V.	πατέρ-ες	μητέρ-ες	θυγατέρ-ες	ἄνδρ-ες
Gen.	πατέρ-ων	μητέρ-ων	θυγατέρ-ων	ἀνδρ-ων
Dat.	πατρά-σι	μητρά-σι	θυγατρά-σι	ἀνδρά-σι
Acc.	πατέρ-ας	μητέρ-ας	θυγατέρ-ας	ἄνδρ-ας

Like *πατήρ* is declined *γαστήρ* *belly*. (See also § 115, 2.)

1. Observe that in the genitive and dative the shorter forms take their written accent on the last syllable, after the analogy of stems of one syllable (§ 100): thus *πατρός*, *ἀνδρῶν* (but *πατέρων*, *ἀνδράσι*).

2. Observe that the vocative singular of these words has recessive accent (cf. § 104, note).

3. For the *α* in the dative plural see § 14, 1.

**106. Stems in -σ-.**—Stems ending in *σ* lose their final *σ* whenever it comes between two vowels (§ 37) and the vowels thus brought together usually contract.

**105 a.** In Homer the form of the stem with *ε* is more frequently used than in Attic: thus *πατέρος*, *πατέρι*; *ἄνερα*, *ἄνερες*, etc. (Attic *πατρός*, etc.). In *θυγάτηρ*, however, we sometimes find *θύγατρα*, *θύγατρες*, and always *θυγατρῶν*. From *ἀνὴρ* he has in the dative plural both *ἀνδράσι* and *ἀνδρεσσι*.

Such stems are thus inflected :

NEUTER		
	τὸ γένος <i>race</i> . (stem γενος-, γενεσ-)	τὸ γέρας <i>prize</i> . (stem γερασ-)
SINGULAR		
Nom.	γένος	γέρας
Gen.	γένους (*γενεσ-ος, γένε-ος)	γέρως (*γερασ-ος, γέρα-ος)
Dat.	γένει (*γενεσ-ι, γένε-ι)	γέρᾳ (*γερασ-ι, γέρα-ι)
Acc.	γένος	γέρας
Voc.	γένος	γέρας
DUAL		
N.A.V.	γένει (*γενεσ-ε, γένε-ε)	
G.D.	γενοῖν (*γενεσ-οιν, γένε-οιν)	
PLURAL		
N.V.	γένη (*γενεσ-α, γένε-α)	γέρᾱ (*γερασ-α, γέρα-α)
Gen.	{ γενέων (*γενεσ-ων) γενῶν	γερῶν (*γερασ-ων, γερά-ων)
Dat.	γένεσι ( γένεσ-σι)	γέρασι ( γέρασ-σι)
Acc.	γένη (*γενεσ-α, γένε-α)	γέρᾱ (*γερασ-α, γέρα-α)

So also are declined τὸ τεῖχος *wall*, τὸ ἄνθος *flower*, τὸ ἔτος *year*, τὸ γῆρας *old age*, τὸ κέρας *horn, wing* (with other forms from a stem κρατ-; see § 115, 10).

1. Observe that neuters ending in -ος form their nominative, accusative, and vocative singular from the stem in -οσ-. (See §§ 14 and 73, 1.)

106 a. Homer and Herodotus regularly have the uncontracted forms. Thus, θάρσεος *of courage*, θάρσεϊ *with courage*. The accusative plural κλέα, which sometimes occurs in Homer, is probably for κλέε\*.

b. In the dative plural Homer has three different forms: thus βελέεσσι (for \*βελεσ-εσσι, § 76 b), βέλεσ-σι, and βέλεσι (§ 35) from βέλος *missile*.

c. In Homer and Herodotus words with stems in -ασ- are usually uncontracted: thus γῆρας *of old age*. A few words have ε instead of α in the stem, except in the nominative: thus οὔδας *ground*, gen. sing. οὔδεος; κῶας *fleece*, dat. plur. κῶεσι. In the nominative and accusative plural Homer has -α short: thus δέπα *cups*. In the dative plural he has three forms, δεπά-εσσι (for \*δεπασ-εσσι, § 37), δέπασ-σι, and δέπασι (§ 35).



2. In the nominative, accusative, and vocative plural of neuters in -ος, -εα after ε contracts into *ā*. Thus *χρέα* for *χρέε-α* (\**χρεεσ-α*) from *χρέος debt*, stem *χρεεσ-*.

107.

MASCULINE AND FEMININE

Σωκράτης *Socrates*.

(stem Σωκρατεσ-)

Nom.	Σωκράτης		
Gen.	Σωκράτους	(*Σωκρατεσ-ος,	Σωκράτε-ος)
Dat.	Σωκράτει	(*Σωκρατεσ-ι,	Σωκράτε-ϊ)
Acc.	Σωκράτη	(*Σωκρατεσ-α,	Σωκράτε-α)
Voc.	Σώκρατες		

So also are declined *Δημοσθένης Demosthenes*, *Διογένης Diogenes*.

1. Observe that the vocative singular of names like *Σωκράτης* has recessive accent.

108. Proper names in -κλης, of which the last part is the stem *κλεεσ-* (*κλέος fame*), are doubly contracted in the dative. *Περικλῆς* (stem *Περικλεεσ-*) *Pericles* is thus declined:

Nom.	{ Περικλέης Περικλῆς		
Gen.	Περικλέους	(*Περικλεεσ-ος,	Περικλέε-ος)
Dat.	Περικλεῖ	(*Περικλεεσ-ι,	Περικλέε-ϊ, Περικλέει)
Acc.	Περικλέα	(*Περικλεεσ-α,	Περικλέε-α)
Voc.	Περικλείς	( Περικλέες)	

109. Stems in -οσ-. — There is one stem in -οσ- (*ῆ αἰδώς shame*) which is thus inflected: nom. *αἰδώς*, gen. *αἰδοῦς* (\**αἰδοσ-ος*, *αἰδό-ος*), dat. *αἰδοῖ* (\**αἰδοσ-ι*, *αἰδό-ι*), acc. *αἰδῶ* (\**αἰδοσ-α*, *αἰδό-α*), voc. *αἰδώς*. The dual and plural are not found.

108 a. In Homer proper names in -κλης should probably have the uncontracted forms. Thus *Ἡρακλέος* gen. sing. *Ἡρακλέα* acc. sing. of *Ἡρακλῆς Heracles*, but these are usually written with η, *Ἡρακλῆος*, *Ἡρακλήα*.

109 a. In Ionic *ῆως dawn* is declined like *αἰδώς*.

## VOWEL STEMS

110. Stems in *-ι-* and *-υ-*. — Stems ending in *ι* or *υ* are thus declined :

	ἡ πόλις <i>city</i> . (stem πολι-)	ὁ πῆχυς <i>forearm</i> . (stem πηχυ-)	τὸ ἄστυ <i>town</i> . (stem ἄστυ-)	ὁ ἰχθύς <i>fish</i> . (stem ἰχθυ-)
SINGULAR				
Nom.	πόλι-ς	πῆχυ-ς	ἄστυ	ἰχθύ-ς
Gen.	πόλε-ωσ	πῆχε-ωσ	ἄστε-ωσ	ἰχθύ-ος
Dat.	πόλει (πόλε-ϊ)	πῆχει (πῆχε-ϊ)	ἄστει (ἄστε-ϊ)	ἰχθύ-ϊ
Acc.	πόλι-ν	πῆχυ-ν	ἄστυ	ἰχθύ-ν
Voc.	πόλι	πῆχυ	ἄστυ	ἰχθύ
DUAL				
N.A.V.	πόλει (πόλε-ε)	πῆχει (πῆχε-ε)	ἄστει (ἄστε-ε)	ἰχθύ-ε
G.D.	πολέ-οιν	πῆχέ-οιν	ἄστέ-οιν	ἰχθύ-οιν
PLURAL				
N.V.	πόλεις (πόλε-ες)	πῆχεις (πῆχε-ες)	ἄσται (ἄστε-αι)	ἰχθύ-ες
Gen.	πόλε-ων	πῆχε-ων	ἄστε-ων	ἰχθύ-ων
Dat.	πόλε-σι	πῆχε-σι	ἄστε-σι	ἰχθύ-σι
Acc.	πόλεις	πῆχεις	ἄσται (ἄστε-ᾱ)	ἰχθύς

110 a. In Homer stems in *-ι-* are thus declined : sing. nom. πόλις, gen. πόλιος, dat. πόλϊ, rarely πόλει (which doubtless stands for πόλῃ), acc. πόλιν, voc. πόλι; plur. nom. πόλεις, gen. πολίων, dat. πολίεσσι (§ 76 b) or (rarely) πόλεσι (which perhaps stands for πόλισσι), acc. πόλῖς and πόλιας.

b. From πόλις Homer has also four forms with *η* : sing. gen. πόληος, dat. πόλῃ; plur. nom. πόληες, acc. πόληας.

c. In Herodotus stems in *-ι-* are thus inflected : sing. πόλις, πόλιος, πόλϊ (rarely πόλει), πόλιν, πόλι; plur. πόλεις, πολίων, πόλισσι, πόλῖς (rarely πόλιας).

d. In Ionic, words with stems in *-υ-* regularly have the uncontracted forms : thus ἄσται, ἄσται, πῆχεις, — except that Homer sometimes contracts the dative singular : thus πλῆθνι *to a multitude*. In the genitive singular Ionic has always *-ος* (not *-ωσ*) : thus πῆχε-ος, ἄστε-ος. The genitive plural has its regular accent (cf. § 110, 2) : thus πηχέων ἄστέων.

e. In the accusative plural Homer has *-ῖς* or *-υας*, as the meter may demand : thus ἰχθῖς or ἰχθύας.

So also are declined ἡ δύναμις *power*, ὁ μάντις *seer*, ὁ πέλεκυς *axe* (like πῆχυς), ὁ or ἡ σῦς *hog* (like ἰχθύς, gen. sing. συός), βότρυς *cluster of grapes* (like ἰχθύς, but with short υ). Most of these words are masculine or feminine; the only neuter in frequent use is ἄστυ *town*.

NOTE. — It is probable that in words like πόλις and πῆχυς we have, as we have seen elsewhere (§ 105, 1), two forms of the same stem existing side by side, πολι- and πολει- (see §§ 14, 2 and 73, 1). Thus the nominative is formed from the shorter stem (πόλις, πῆχυς), but the genitive was originally from the longer stem (\*πολειος, \*πηχευος). These latter forms, however, are not found, for the ι or υ at once went over into the corresponding consonant form (j or f), and disappeared (§ 21). In compensation the preceding vowel was sometimes lengthened (§ 16), and thus we have πόληος (in Homer) and \*πηχηος. Then, by an interchange of quantity (§ 17), we get the usual Attic forms πόλεως and πῆχεως. Observe that the interchange of quantity does not affect the position of the accent (§ 60).

1. Most stems in -υ- keep the υ throughout and are declined like ἰχθύς. Stems of one syllable have the circumflex accent in the nominative, accusative, and vocative.

2. Proper names in -ις usually retain the ι of the stem throughout their inflection: thus Συέννεσις *Syennesis*, gen. Συεννέσιος, etc. So also is declined κῆς *weevil*, gen. κῆος, etc.

3. Observe that the accent of the genitive plural is irregularly made like that of the genitive singular.

4. The accusatives plural, πόλεις and πῆχεις, are irregularly made like the nominatives plural.

111. Stems ending in a diphthong lose the final vowel of the stem before all endings beginning with a vowel (§ 21). They are thus declined:

	ὁ βασιλεύς <i>king.</i> (stem βασιλευ-)	ὁ, ἡ βοῦς <i>ox, cow.</i> (stem βου-)	ἡ γραῦς <i>old woman.</i> (stem γραυ-)	ἡ ναῦς <i>ship.</i> (stem ναυ-)
SINGULAR				
Nom.	βασιλεύ-ς	βοῦ-ς	γραῦ-ς	ναῦ-ς
Gen.	βασιλέ-ως	βο-ός	γραῖ-ός	νε-ός
Dat.	βασιλεῖ ( <i>βασιλέ-ϊ</i> )	βο-ϊ	γραῖ-ϊ	νη-ϊ
Acc.	βασιλέ-α	βοῦ-ν	γραῦ-ν	ναῦ-ν
Voc.	βασιλεῦ	βοῦ	γραῦ	ναῦ
DUAL				
N.A.V.	βασιλῆ	βό-ε	γραῖ-ε	νη-ε
G.D.	βασιλέ-οιν	βο-οῖν	γραῖ-οῖν	νε-οῖν
PLURAL				
N.V.	βασιλῆς later -εῖς (-έ-ες)	βό-ες	γραῖ-ες	νη-ες
Gen.	βασιλέ-ων	βο-ῶν	γραῖ-ῶν	νε-ῶν
Dat.	βασιλεῦ-σι	βου-σί	γραυ-σί	ναυ-σί
Acc.	βασιλέ-ας	βοῦς	γραῦς	ναῦς

So also are declined ὁ ἵππεύς *horseman*, ὁ ἱερεύς *priest*, ὁ χοῦς *three-quart measure* (but w. acc. sing. χόα, acc. plur. χόας).

NOTE. — Many of the forms from stems in -ευ- are to be explained similarly to those from πῆχys and πόλις. Thus, the genitive singular βασιλέ-ως comes by an interchange of quantity (§ 17), from βασιλῆ-ος

111 a. In Ionic, words with stems in -ευ- regularly have the uncontracted form. Homer has η instead of ε wherever υ has disappeared (§ 111 and note). Thus, βασιλῆος, βασιλῆϊ, etc. (but βασιλεύς, βασιλεῦσι). In proper names, however, he sometimes has ε, as in Πηλέος *of Pelus* (also Πηλῆος).

b. For γραῦς and ναῦς Homer has γρηῦς and νηῦς. The latter he thus declines: sing. nom. νηῦς, gen. νηός or νεός, dat. νηϊ, acc. νῆα, νέα; plur. nom. νῆες or νέες, gen. νηῶν or νεῶν, dat. νηυσί, νήεσσι or νέεσσι, acc. νῆας or νέας. Herodotus has sing. νηῦς, νηός or νεός, νηϊ, νέα; plur. νέες, νεῶν, νηυσί, νέας.

c. For the dative plural of βοῦς Homer has βουσί and βόεσσι, and for the accusative plural βοῦς and βόας (cf. § 110 a and e).

(in Homer), and this, in turn, is for \**βασιληϝ-ος* (§ 21). So also the accusatives singular and plural have *-έ-ᾱ* and *-έ-ᾱς*, for earlier *-ῆ-α* and *-ῆ-ας*.

1. Observe that the nominative, accusative, and vocative dual (*βασιλῆ*), and the older form of the nominative plural (*βασιλῆς*), are contracted from *βασιλῆ-ε* and *βασιλῆ-ες*. (See note.)

2. When the final *-ευ-* of the stem follows a vowel or diphthong, contraction usually takes place in the genitive and accusative. Thus, *Πειραιεύς* *Peiraeus* usually has for its genitive *Πειραιῶς* (for *Πειραιέως*), and for its accusative *Πειραιᾶ* (for *Πειραιέα*).

**112. Stems in -οι-.** — Stems ending in *οι* (found in the singular only) lose their final *ι* in all cases except the vocative (§ 21). They are thus declined :

ἡ *πειθῶ* *persuasion*.

(stem *πειθοι-*)

Nom.	<i>πειθῶ</i>
Gen.	<i>πειθοῦς</i> ( <i>πειθό-ος</i> )
Dat.	<i>πειθοῖ</i> ( <i>πειθό-ϊ</i> )
Acc.	<i>πειθῶ</i> ( <i>πειθό-α</i> )
Voc.	<i>πειθοῖ</i>

So also are declined ἡ *ἠχώ* *echo*, ἡ *Λητώ* *Leto*. All words which follow this declension have their written accent on the last syllable.

**113. Stems in -ω- (or ωϝ).** — A few words of the third declension appear to have stems ending in *ω*, but this could not have been the original ending. Possibly

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**112 a.** Herodotus often has the accusative singular of *οι-* stems in *-ουν*: thus *Ἴοῦν* acc. of *Ἴώ* *Io*.

such stems ended originally in *-ω-*. They are thus declined :

ὁ ἥρως *hero*.  
(stem ἥρω+?)

	SINGULAR	DUAL		PLURAL
Nom.	ἥρως		Nom.	ἥρω-ες, ἥρως
Gen.	ἥρω-ος	N.A.V. ἥρω-ε	Gen.	ἥρώ-ων
Dat.	ἥρω (ἥρω-ι)	G.D. ἥρώ-οιν	Dat.	ἥρω-σι
Acc.	ἥρω-α, ἥρω		Acc.	ἥρω-ας, ἥρως
Voc.	ἥρως		Voc.	ἥρω-ες, ἥρως

So also are declined ὁ μήτρως *mother's brother*, ὁ πάτρως *father's brother*.

## SUBSTANTIVES OF PECULIAR OR IRREGULAR DECLENSION

**114. 1.** The Greeks sometimes declined the same word in different ways, especially when two different stems would give the same nominative singular. Thus, the stems *σκοτο-* and *σκοτεσ-* both give a nominative singular *σκότος darkness*, genitive singular *σκότου* (2d decl.) or *σκότους* (3d decl.). So also stems of proper names in *-ης*, like *Σωκρατεσ-* (nom. sing. *Σωκράτης*, gen. sing. *Σωκράτους*, acc. sing. *Σωκράτη*), have sometimes an accusative singular in *-ην* (*Σωκράτην*), as if of the first declension.

2. Again, certain cases may have been formed from stems of wholly different words: thus ὁ ὄνειρος *dream* (2d decl.

**113 a.** Homer has only the uncontracted forms: thus ἥρωϊ, ἥρωα (*ἥρω*'), ἥρωες, ἥρως.

**114, 2 a.** So Homer has ὁ δεσμός *bond*, plur. οἱ δεσμοί and τὰ δέσματα. Πάτροκλος (gen. *-ον*, 2d decl.) has also forms from a stem Πάτροκλεεσ-: thus gen. Πάτροκλέος (Πάτροκλήος?), etc. (See § 108 a.)

From ἡνίοχο-s *charioteer*, declined regularly, Homer has also ἡνιοχῆα, ἡνιοχῆες (stem ἡνιοχευ-, § 111); cf. Αἰθίοπας and Αἰθιοπῆας, acc. plur. of Αἰθίοψ.



regular), but gen. sing. also *ὀνείρατος*, dat. *ὀνείρατι*, nom. plur. *ὀνείρατα*, gen. *ὀνείράτων*, dat. *ὀνείρασι*. See also § 103, 1 and 2.

3. Again, words sometimes have different genders in the different numbers. Thus, *σῖτος* *grain* (masc.) has for its plural *σῖτα* (neuter); *τὸ στάδιον* *stade* has for its plural usually *οἱ στάδιοι*.

**115.** The peculiarities of substantives irregularly declined can best be learned from a lexicon, but some of the more important of these will be found in the following list :

1. ὁ Ἄρης (stem Ἄρεσ-) *Ares*, gen. Ἄρεως (poetic Ἄρεος), dat. Ἄρει, voc. Ἄρες.

2. [ὁ, ἡ ἀρῆν] (stem ἀρεν-, ἀρν-, ἀρνα-) *lamb*, of the same kind of declension as *πατήρ* (§ 105): thus ἀρν-ός, ἀρν-ί, ἄρν-α, ἄρν-ες, ἀρνά-σι. The nominative singular is supplied by ἀμνός, 2d decl., regular.

3. τὸ γόνυ *knee* (Lat. *genu*), nom. acc. voc. sing. All other cases are formed from stem γονατ- (§ 73, 1): γόνατ-ος, γόνατ-ι, etc.

4. ἡ γυνή *woman*. All other forms come from a stem γυναικ-: the genitives and datives have their written accent on the last syllable: gen. sing. γυναικός, dat. γυναικί, acc. γυναῖκα, voc. γύναι; dual γυναιῖκε, γυναικοῖν; plur. γυναῖκες, γυναικῶν, γυναιξί, γυναικας. (Cf. § 73, 1.)

5. ἡ δᾶς (δᾶδ-) *torch*, 3d decl., regular, but the genitive plural δᾶδων is an exception to the rule of accent for stems of one syllable (§ 100).

6. τὸ δόρυ *spear*, nom. acc. voc. sing. All other cases

115, 1 a. Ἄρης: Homer has gen. Ἄρηος and Ἄρεος, dat. Ἄρηι and Ἄρεϊ, acc. Ἄρηα; Herodotus, Ἄρεος, Ἄρει, Ἄρεα.

115, 3 a. γόνυ: Ionic and poetic γούνατος, γούνατι, γούνατα, γουνάτων, γούνασι. Epic also γουνός, γουνί, γούνα, γούνων, γούνεσσι (§ 76 b).

from stem *δορατ-* (cf. *γόνυ*, § 115, 3): *δόρατ-ος*, *δόρατ-ι*, etc. (cf. § 73, 1). Poetic gen. *δορός*, dat. *δορί* and *δόρει*.

7. *ὁ δμῶς* (*δμω-*) *slave* (poetic); 3d decl., regular, but the genitive plural (*δμῶων*) is an exception to the rule of accent for stems of one syllable (§ 100).

8. *Ζεὺς* (cf. § 39, 2) *Zeus*, gen. *Διός*, dat. *Διῷ*, acc. *Δία*, voc. *Ζεῦ*.

9. *τὸ κάρᾱ* (*καρᾱτ-*, *κρᾱτ-*, § 73, 1) *head* (poetic), gen. *κρᾱτ-ός*, dat. *κρᾱτ-ί* or *κάρᾱ*, acc. *κάρᾱ* (or even *κρᾱτα*), voc. *κάρᾱ*; acc. plur. (rare) *τοὺς κρᾱτας*.

10. *τὸ κέρας* *horn, wing*, has forms from two different stems, *κερασ-* and *κερατ-*. See § 103, 2, and a. Sing. nom. acc. voc. *κέρας*, gen. *κέρᾱτ-ος* or *κέρως* (for \**κερα(σ)-ος*), dat. *κέρᾱτ-ι* or *κέρᾱ*; dual nom. acc. voc. *κέρᾱτε* or *κέρᾱ*, gen. dat. *κεράτοιιν* or *κέρων*; plur. nom. acc. voc. *κέρᾱτα* or *κέρᾱ*, gen. *κεράτων*, dat. *κέρᾱσι*. In the meaning *wing*, forms from the stem *κερασ-* are usually employed.

12. *ὁ, ἡ κύων* *dog*, voc. sing. *κύον*. All other cases from a stem *κυν-*: *κυνός*, *κυνί*, *κύνα*; plur. *κύνες*, *κυνῶν*, *κυσί*, *κύνας*.

115, 6 a. *δόρυ*: Ionic *δοῦρατος*, *δοῦρατι*, *δοῦρατα*, *δοῦράτων*, *δοῦρασι*. Epic also *δουρός*, *δουρί*, *δοῦρε*, *δοῦρα*, *δοῦρων*, *δοῦρεσσι* (§ 76 b).

115, 8 a. *Ζεὺς*: poetic also *Ζηνός*, *Ζηνί*, *Ζήνα*.

115, 9 a. *κάρᾱ*: Homer has forms from four different stems, *καρηατ-*, *καρητ-*, and *κρᾱατ-*, *κρᾱτ-*.

SINGULAR			
N.A.		<i>κάρῃ</i> also <i>κάρ</i>	
Gen.	<i>καρήατος</i>	<i>κάρητος</i>	<i>κρᾱατος</i> <i>κρᾱτός</i>
Dat.	<i>καρήατι</i>	<i>κάρητι</i>	<i>κρᾱατι</i> <i>κρᾱτί</i>
PLURAL			
N.A.	<i>καρήατα</i>	<i>κάρᾱ</i>	<i>κρᾱατα</i> <i>κρᾱτα</i>
Gen.			<i>κράτων</i>
Dat.			<i>κρᾱσί</i>

For the plural Homer usually has *κάρῃνα*, *κάρῃνων*, from another word, *τὸ κάρῃνον*.

115, 11 a. In *κόρυς* (*κορυθ-*) *helmet* Homer sometimes has an accusative *κόρυν* (cf. § 115, 17).

13. ὁ **λᾱς** *stone* (poetic), contracted from **λᾱα-ς**, gen. **λᾱ-ος**, dat. **λᾱ-ϊ**, acc. **λᾱα-ν**, **λᾱ-ν**; plur. **λᾱ-ες**, **λᾱ́-ων**, **λᾱ́-εσσι** or **λᾱ́-εσι**.

14. ὁ, ἡ **μάρτυς** (**μαρτυρ-**) *witness*, gen. **μάρτυρ-ος**, etc., regular, except dat. plur. **μάρτυσι**.

15. **Οἰδίπους** *Oedipus*, gen. **Οἰδίποδος** or **Οἰδίπου** (§ 114, 1), dat. **Οἰδίποδι**, acc. **Οἰδίπουν**, voc. **Οἰδίπους** or **Οἰδίπου**.

16. ἡ **οῖς** *sheep* (stem **οῖ-** for **ὄφι-**, cf. Lat. *ovis*), sing. **οῖ-ς**, **οῖ-ός**, **οῖ-ϊ**, **οῖ-ν**; plur. **οῖ-ες**, **οῖ-ῶν**, **οῖ-σί**, **οῖς**.

17. ὁ, ἡ **ὄρνις** (**ὄρνιθ-**) *bird*, declined regularly (§ 102), but acc. sing. both **ὄρνιθα** and **ὄρνιν** (§ 97, 1).

18. τὸ **οὔς** *ear*, sing. nom. acc. voc. **οὔς**, all other forms from a stem **ὠτ-** (contracted from **οὔατ-** (\***ὄ(φ)ατ-**), see § 115, 18 a): thus **ὠτ-ός**, **ὠτ-ί**; plur. **ὠ-τα**, **ὠ-των**, **ὠσί**. The genitive plural is an exception to the rule of accent for stems of one syllable (§ 100).

19. ὁ, ἡ **παῖς** (**παιδ-**) *child*, gen. **παιδός**, etc., regular, but voc. sing. **παῖ**. The genitive and dative dual (**παίδοιν**) and the genitive plural (**παίδων**) are exceptions to the rule of accent for stems of one syllable (§ 100).

20. ἡ **Πνύξ** *Pnyx* (**Πνυκ-**, **Πυκν-**, § 38), **Πυκνός**, **Πυκνί**, **Πύκνα**.

21. ὁ **πρεσβευτής** (**πρεσβευτᾱ-**) *ambassador*, rare in the plural. Instead, the plural of the poetic **πρέσβυς** (**πρεσβυ-**) *old man* is commonly used: thus **πρέσβεις**, **πρέσβειν**, **πρέσβεσι**, **πρέσβεις**.

115, 14 a. **μάρτυς**: Homer has always sing. **μάρτυρος** (2d decl.), plur. **μάρτυροι**.

115, 15 a. **Οἰδίπους**: Homer has a genitive **Οἰδιπόδᾱο**; Herodotus, **Οἰδιπόδεω**. Doric forms found in the lyrics of tragedy are gen. **Οἰδιπόδᾱ**, acc. **Οἰδιπόδᾱν**, voc. **Οἰδιπόδᾱ**.

115, 16 a. **οῖς**: Ionic usually leaves the stem uncontracted: thus **δῖς**, **δῖος**, etc.

115, 18 a. **οὔς**: Homer has gen. sing. **οὔατος**, plur. **οὔατα**, dat. **οὔασι**.

22. τὸ πῦρ (stem πυρ-) *fire*, gen. πυρός, etc., 3d decl.; but plural τὰ πυρά *watch-fires*, dat. πυροῖς, 2d decl.

23. ὁ Τρῶς (stem Τρω-) *Trojan*; the genitive plural (Τρώων) is an exception to the rule of accent for stems of one syllable (§ 100).

24. τὸ ὕδωρ (ὕδατ-) *water*, gen. ὕδατος, etc.

25. ὁ υἱός (υἱό- and sometimes ὕο-, § 21) *son*, 2d decl., regular; also many 3d decl. forms from a stem υῖν- or ὕν (ι being usually dropped between the two vowels, § 21). These are: sing. gen. υ(ί)έος, dat. υ(ί)εῖ; dual υ(ί)εῖ, υ(ί)έοιν; plur. υ(ί)εῖς, υ(ί)έων, υ(ί)έσι, υ(ί)εῖς.

26. ἡ χεῖρ (χειρ-) *hand*, 3d decl., regular, but dat. plur. χερσί, and sometimes dat. dual χερσίν.

## ADJECTIVES

116. The declension of adjectives in Greek is like that of substantives, and the general statements given under the three declensions of substantives will apply also to the declension of adjectives.

### FIRST AND SECOND DECLENSIONS

#### (VOWEL DECLENSION)

117. Most adjectives of the first and second declensions have three endings, — masc. -ος, fem. -ᾱ or -η (§ 15), neut. -ον (cf. §§ 81 and 90). The masculine and neuter follow

115, 25 a. υἱός: besides the stems υἱο- (2d decl.) and υῖν- (3d decl.), Homer has also a stem υῖ- which gives the following forms: sing. gen. υῖος, dat. υῖι, acc. υῖα; dual υῖε; plur. nom. υῖες, dat. υῖάσι, acc. υῖας. Herodotus has only the forms from υἱός (2d decl.).

115, 26 a. χεῖρ: poetic χερός, χερί. Homer has dat. plur. χερσί, χερρεσι, and (once) χέλρεσι.

the second declension; the feminine follows the first declension. They are inflected as follows:

	ἀγαθός <i>good.</i>			φίλιος <i>friendly.</i>		
	SINGULAR					
	MASC.	FEM.	NEUT.	MASC.	FEM.	NEUT.
Nom.	ἀγαθός	ἀγαθή	ἀγαθόν	φίλιος	φιλιά	φίλιον
Gen.	ἀγαθοῦ	ἀγαθῆς	ἀγαθοῦ	φιλίου	φιλιάς	φιλίου
Dat.	ἀγαθῷ	ἀγαθῇ	ἀγαθῷ	φιλίῳ	φιλίᾳ	φιλίῳ
Acc.	ἀγαθόν	ἀγαθήν	ἀγαθόν	φίλιον	φιλίαν	φίλιον
Voc.	ἀγαθέ	ἀγαθή	ἀγαθόν	φίλιε	φιλιά	φίλιον
	DUAL					
N.A.V.	ἀγαθῶ	ἀγαθά	ἀγαθῶ	φιλίῳ	φιλιά	φιλίῳ
G.D.	ἀγαθοῖν	ἀγαθαῖν	ἀγαθοῖν	φιλίοιν	φιλίαιν	φιλίοιν
	PLURAL					
N.V.	ἀγαθοί	ἀγαθαί	ἀγαθά	φίλιοι	φίλιαι	φίλια
Gen.	ἀγαθῶν	ἀγαθῶν	ἀγαθῶν	φιλίων	φιλίων	φιλίων
Dat.	ἀγαθοῖς	ἀγαθαῖς	ἀγαθοῖς	φιλίοις	φιλίαις	φιλίοις
Acc.	ἀγαθοὺς	ἀγαθάς	ἀγαθά	φιλίους	φιλιάς	φίλια

So also are declined σοφός, σοφή, σοφόν *wise*, μακρός, μακρά, μακρόν *long*, ἄξιος, ἀξιά, ἄξιον *worthy*.

1. Observe that the feminine always has a long vowel, either  $\bar{a}$  or  $\eta$ . After  $\epsilon$ ,  $\iota$ , or  $\rho$  the  $\bar{a}$  is retained, otherwise it is changed to  $\eta$  (§ 83). After  $\sigma$  an  $\eta$  follows, unless the  $\sigma$  is preceded by  $\rho$ ; then  $\bar{a}$  is employed: thus ὀγδόη (fem.) *eighth*, but ἀθρόα (fem.) *collected*.

2. Observe that, in regard to accent, the feminine follows the masculine rather than its own nominative singular. Thus, φίλαι nom. plur. and φίλων gen. plur. (contrary to §§ 77 and 84).

3. In the dual the masculine forms are often used instead of the feminine. Thus, φίλω κόρα *two dear girls*.

117, 1 a. Ionic has  $\eta$  instead of  $\alpha$  in the feminine (see § 83 a). In the genitive plural of the feminine Homer has -άων (sometimes -έων), Herodotus has -έων (cf. § 84 a).

118. Many adjectives in -eos and -oos are contracted. They are thus declined:

**χρῦσοῦς (χρῦσεος) golden.**

SINGULAR			
	MASC.	FEM.	NEUT.
N.V.	χρῦσοῦς (χρῦσεος)	χρῦσῇ (χρῦσέᾱ)	χρῦσοῦν (χρῦσεον)
Gen.	χρῦσοῦ (χρῦσέου)	χρῦσῆς (χρῦσέας)	χρῦσοῦ (χρῦσέου)
Dat.	χρῦσῷ (χρῦσέῳ)	χρῦσῇ (χρῦσέᾱ)	χρῦσῷ (χρῦσέῳ)
Acc.	χρῦσοῦν (χρῦσεον)	χρῦσῇν (χρῦσέαν)	χρῦσοῦν (χρῦσεον)
DUAL			
N.A.V.	χρῦσῶ (χρῦσέῳ)	χρῦσᾶ (χρῦσέᾱ)	χρῦσῶ (χρῦσέῳ)
G.D.	χρῦσοῖν (χρῦσέοιν)	χρῦσαῖν (χρῦσέαιν)	χρῦσοῖν (χρῦσέοιν)
PLURAL			
N.V.	χρῦσοῖ (χρῦσεοι)	χρῦσαι (χρῦσῆαι)	χρῦσᾶ (χρῦσῆα)
Gen.	χρῦσῶν (χρῦσέων)	χρῦσῶν (χρῦσέων)	χρῦσῶν (χρῦσέων)
Dat.	χρῦσοῖς (χρῦσέοις)	χρῦσαις (χρῦσέαις)	χρῦσοῖς (χρῦσέοις)
Acc.	χρῦσοῦς (χρῦσέους)	χρῦσᾶς (χρῦσέας)	χρῦσᾶ (χρῦσῆα)

**ἀργυροῦς (ἀργύρεος) silver.**

SINGULAR			
	MASC.	FEM.	NEUT.
N.V.	ἀργυροῦς (ἀργύρεος)	ἀργυρᾶ (ἀργυρέᾱ)	ἀργυροῦν (ἀργύρεον)
Gen.	ἀργυροῦ (ἀργυρέου)	ἀργυρᾶς (ἀργυρέας)	ἀργυροῦ (ἀργυρέου)
Dat.	ἀργυρῷ (ἀργυρέῳ)	ἀργυρᾷ (ἀργυρέᾱ)	ἀργυρῷ (ἀργυρέῳ)
Acc.	ἀργυροῦν (ἀργύρεον)	ἀργυρᾶν (ἀργυρέαν)	ἀργυροῦν (ἀργύρεον)
DUAL			
N.A.V.	ἀργυρῶ (ἀργυρέῳ)	ἀργυρᾶ (ἀργυρέᾱ)	ἀργυρῶ (ἀργυρέῳ)
G.D.	ἀργυροῖν (ἀργυρέοιν)	ἀργυραῖν (ἀργυρέαιν)	ἀργυροῖν (ἀργυρέοιν)
PLURAL			
N.V.	ἀργυροῖ (ἀργύρεοι)	ἀργυραι (ἀργύρεαι)	ἀργυρᾶ (ἀργύρεα)
Gen.	ἀργυρῶν (ἀργυρέων)	ἀργυρῶν (ἀργυρέων)	ἀργυρῶν (ἀργυρέων)
Dat.	ἀργυροῖς (ἀργυρέοις)	ἀργυραις (ἀργυρέαις)	ἀργυροῖς (ἀργυρέοις)
Acc.	ἀργυροῦς (ἀργυρέους)	ἀργυρᾶς (ἀργυρέας)	ἀργυρᾶ (ἀργύρεα)



ἀπλοῦς (ἀπλόος) *simple*.

SINGULAR			
	MASC.	FEM.	NEUT.
N.V.	ἀπλοῦς (ἀπλόος)	ἀπλῇ (ἀπλέᾱ)	ἀπλοῦν (ἀπλόον)
Gen.	ἀπλοῦ (ἀπλόου)	ἀπλῆς (ἀπλέᾱς)	ἀπλοῦ (ἀπλόου)
Dat.	ἀπλω (ἀπλόω)	ἀπλῇ (ἀπλέᾱ)	ἀπλω (ἀπλόω)
Acc.	ἀπλοῦν (ἀπλόον)	ἀπλῆν (ἀπλέᾱν)	ἀπλοῦν (ἀπλόον)
DUAL			
N.A.V.	ἀπλώ (ἀπλόω)	ἀπλᾱ (ἀπλέᾱ)	ἀπλώ (ἀπλόω)
G.D.	ἀπλοῖν (ἀπλόοιν)	ἀπλαῖν (ἀπλέαιν)	ἀπλοῖν (ἀπλόοιν)
PLURAL			
N.V.	ἀπλοῖ (ἀπλόοι)	ἀπλαῖ (ἀπλέαι)	ἀπλᾱ (ἀπλόα)
Gen.	ἀπλῶν (ἀπλόων)	ἀπλῶν (ἀπλέων)	ἀπλῶν (ἀπλόων)
Dat.	ἀπλοῖς (ἀπλόοις)	ἀπλαῖς (ἀπλέαις)	ἀπλοῖς (ἀπλόοις)
Acc.	ἀπλοῦς (ἀπλόους)	ἀπλᾱς (ἀπλέᾱς)	ἀπλᾱ (ἀπλόα)

1. Observe that in contraction a short vowel before *a* is absorbed. Thus, *χρῦσέαις* becomes *χρῦσαῖς* and *ἀπλόα* *ἀπλᾱ*. In the feminine singular, however, this takes place only after *ρ*: *ἀργυρέᾱ*, *ἀργυρᾱ*, but *ἀπλέᾱ*, *ἀπλῇ* (cf. § 83).

2. Observe that adjectives in *-oos* form their contracted feminine from a stem in *-ea-*.

3. Adjectives of material in *-eos* irregularly have their written accent on their contract syllables. Thus, *χρῦσεος*, when contracted, becomes *χρῦσοῦς*. For the accent of the nominative dual (*χρῦσῶ*) cf. § 91, 2.

## ADJECTIVES OF TWO ENDINGS IN THE VOWEL DECLENSION

**119.** By an adjective of two endings we mean one that uses the masculine form also for the feminine. Thus, masc. and fem. *ἡσυχος*, neut. *ἡσυχον quiet*.

Compound adjectives, as a rule, have only two endings: so *ἄ-λογος*, *ἄ-λογον irrational*, *εὖ-νους*, *εὖ-νουν well-disposed*. They are thus declined:

ἡσυχος <i>quiet.</i>			ἔλεως <i>propitious.</i>	
SINGULAR				
	MASC. & FEM.	NEUT.	MASC. & FEM.	NEUT.
Nom.	ἡσυχος	ἡσυχον	ἔλεως	ἔλεων
Gen.	ἡσύχου	ἡσύχου	ἐλεω	ἐλεω
Dat.	ἡσύχῳ	ἡσύχῳ	ἐλεῷ	ἐλεῷ
Acc.	ἡσυχον	ἡσυχον	ἐλεων	ἐλεων
Voc.	ἡσυχε	ἡσυχον	ἐλεως	ἐλεων
DUAL				
N.A.V.	ἡσύχω	ἡσύχω	ἐλεω	ἐλεω
G.D.	ἡσύχοιν	ἡσύχοιν	ἐλεφν	ἐλεφν
PLURAL				
N.V.	ἡσυχαι	ἡσυχαι	ἐλεῷ	ἐλεα
Gen.	ἡσύχων	ἡσύχων	ἐλεων	ἐλεων
Dat.	ἡσύχοις	ἡσύχοις	ἐλεως	ἐλεως
Acc.	ἡσυχους	ἡσυχαι	ἐλεως	ἐλεα

So also are declined *βάρβαρος*, *βάρβαρον* *barbarian*, *ἐπί-φθονος*, *ἐπί-φθονον* *envious*, *ἄ-τεκνος*, *ἄ-τεκνον* *childless*: so also with contraction (see § 91, 3), *εὖ-νους* (*εὖ-νοος*), *εὖ-νονν* *well-disposed*.

1. For the accent of *ἔλεως* see § 92, 2.
2. One adjective, *πλέως* *full*, has a feminine *πλέᾱ*.

### THIRD DECLENSION

#### (CONSONANT DECLENSION)

**120.** Adjectives belonging wholly to the consonant declension have only two endings, the masculine being the same as the feminine.

Most of these have stems ending in *εσ* or *ον*. They are thus declined:

**119 a.** Homer has *ἱλᾱος* and *πλεῖος* for Attic *ἔλεως* and *πλέως* (see § 92, a).

**120 a.** Homer rarely, if ever, contracts adjectives in *-ης*. Thus, *δυσμενέες*, nom. plur. of *δυσμενής* *hostile*.

ἀληθής *true.*εὐδαίμων *happy*

## SINGULAR

	MASC. & FEM.	NEUT.	MASC. & FEM.	NEUT.
Nom.	ἀληθής	ἀληθές	εὐδαίμων	εὐδαιμον
Gen.	ἀληθοῦς (ἀληθέ-ος)	ἀληθοῦς (ἀληθέ-ος)	εὐδαίμονος	εὐδαιμόνος
Dat.	ἀληθεῖ (ἀληθέ-ϊ)	ἀληθεῖ (ἀληθέ-ϊ)	εὐδαίμονι	εὐδαιμόνι
Acc.	ἀληθῇ (ἀληθέ-α)	ἀληθές	εὐδαίμονα	εὐδαιμον
Voc.	ἀληθές	ἀληθές	εὐδαιμον	εὐδαιμον

## DUAL

N.A.V.	ἀληθεῖ (ἀληθέ-ε)	ἀληθεῖ (ἀληθέ-ε)	εὐδαιμονε	εὐδαιμονε
G.D.	ἀληθοῖν (ἀληθέ-οιν)	ἀληθοῖν (ἀληθέ-οιν)	εὐδαιμόνοιν	εὐδαιμόνοιν

## PLURAL

N.V.	ἀληθεῖς (ἀληθέ-ες)	ἀληθῇ (ἀληθέ-α)	εὐδαίμονες	εὐδαιμόνα
Gen.	ἀληθῶν (ἀληθέ-ων)	ἀληθῶν (ἀληθέ-ων)	εὐδαιμόνων	εὐδαιμόνων
Dat.	ἀληθέσι	ἀληθέσι	εὐδαίμοσι	εὐδαιμοσι
Acc.	ἀληθεῖς	ἀληθῇ (ἀληθέ-α)	εὐδαίμονας	εὐδαιμόνα

So also are declined *σαφής, σαφές clear*; *ένδεής, ένδεές needy* (see § 120, 3); *σώφρων, σῶφρον discreet*; *ἄρρην, ἄρρεν male*. For fuller information about stems in -εσ- see §§ 106–107.

1. Observe that the accent of the neuter *εὐδαιμον* is recessive.

2. Compound adjectives in -ης, without written accent on the last syllable, have recessive accent even in contracted forms: thus, masc. and fem. *αὐτάρκης self-sufficient*, neut. *αὐταρκες*, gen. plur. *αὐτάρκων* (instead of *αὐταρκῶν* from *αὐταρκέ(σ)-ων*).

3. The contraction of *εα* following an *ε* (and sometimes an *ι* or *υ*) gives *ᾱ* (cf. § 118, 1): thus *ένδεᾱ* for *ένδεέ(σ)-α* from *ένδεής needy*.

**121. Declension of Comparatives in -ων.** — To this form of declension belong also comparatives in -ων, which in some cases are often formed on a stem in -οσ- (§ 73, 1)

(cf. Lat. *mel-iōr-is* for \**mel-iōs-is*), and so suffer contraction. They are thus declined:

**βελτίων** *better*.

MASC. & FEM.		SINGULAR	NEUT.
Nom.	βελτίων		βέλτιον
Gen.	βελτίον-ος		βελτίον-ος
Dat.	βελτίον-ι		βελτίον-ι
Acc.	{ βελτίον-α, or βελτίω (for *βελτιο(σ)-α)		βέλτιον
Voc.	βέλτιον		βέλτιον
		DUAL	
N.A.V.	βελτίον-ε		βελτίον-ε
G.D.	βελτιόν-οιν		βελτιόν-οιν
		PLURAL	
N.V.	{ βελτίον-ες, or βελτίους (for *βελτιο(σ)-ες)		{ βελτίον-α, or βελτίω (for *βελτιο(σ)-α)
Gen.	βελτιόν-ων		βελτιόν-ων
Dat.	βελτίοσι		βελτίοσι
Acc.	{ βελτίον-ας, or βελτίους		{ βελτίον-α, or βελτίω (for *βελτιο(σ)-α)

So also are declined **μείζων** *greater* (neut. **μείζον**), **καλλίων** *more beautiful*, **θάττων** *swifter*.

1. Observe that the neuter (**βέλτιον**) is recessive in accent.

2. The accusative **βελτίους** (which should properly be **βελτίως** for **βελτιο(σ)-ας**) is imitated from the nominative.

## OTHER ADJECTIVES OF TWO ENDINGS IN THE CONSONANT DECLENSION

Some other adjectives of two endings are made by compounding substantives with a prefix. Such, for example, are:

**εὖ-ελπις**, **εὖ-ελπι** of *good hope*, gen. sing. **εὐέλπιδ-ος**, acc. sing. masc. and fem. **εὐελπιν** (§ 97, 1), **ἄ-πάτωρ**, **ἄ-πατορ** *fatherless*, gen. sing. **ἀπάτορ-ος**, etc.

ADJECTIVES OF THREE ENDINGS OF THE FIRST  
AND THIRD DECLENSIONS

**122.** Adjectives of the consonant declension which have a separate form for the feminine always inflect the feminine like the second class of substantives of the first declension (§§ 81, 82).

1. The feminine is formed from the stem of the masculine by adding *-ia*, but the *ι* regularly combines with the preceding letter (see § 18, 1, and § 39).

2. The genitive plural of the feminine always has the circumflex accent on the last syllable (§ 84).

**123. Stems in -υ-.** — Adjectives with stems ending in *υ* are thus declined:

<i>ταχύς</i> <i>swift</i> .			
SINGULAR			
	MASC.	FEM.	NEUT.
Nom.	ταχύς	ταχεία	ταχύ
Gen.	ταχέος	ταχείας	ταχέος
Dat.	ταχεῖ (ταχέ-ϊ)	ταχείᾳ	ταχεῖ (ταχέ-ϊ)
Acc.	ταχύν	ταχείαν	ταχύ
Voc.	ταχύ	ταχεία	ταχύ
DUAL			
N.A.V.	ταχεῖ (ταχέ-ε)	ταχείᾱ	ταχεῖ (ταχέ-ε)
G.D.	ταχείοιν	ταχείαιν	ταχείοιν
PLURAL			
Nom.	ταχείς (ταχέ-ες)	ταχείαι	ταχεία
Gen.	ταχέων	ταχειῶν	ταχέων
Dat.	ταχέσι	ταχείαις	ταχέσι
Acc.	ταχείς	ταχείας	ταχεία

**123 a.** For the feminine *-εία*, *-είās*, etc., Herodotus has *-έα*, *-έης*, *έη*, *-έαν*, etc., and Homer sometimes has them: thus *βαθέα*, *βαθέης*, etc. (Attic *βαθεῖα*). In the accusative singular Homer sometimes has *-έα* for Attic *-ύν*: thus *εὐρέα πόντον* *broad sea*.

So also are declined *γλυκὺς* *sweet*, *βραδὺς* *slow*, *εὐρύς* *wide*.

1. Observe that the genitive singular masculine and neuter ends in *-ος*, and that the neuter plural is uncontracted. Compare the declension of *πῆχυσ* and *ἄστυ* (§ 110).

NOTE.—The feminine *ταχεῖα* is for *\*ταχεν-ια* (cf. § 14, 2 and § 21).

**124. Stems in -αν-.** — Adjectives with stems ending in *αν* are thus declined :

	<i>μέλᾱς</i> <i>black</i> .		
	SINGULAR		
	MASC.	FEM.	NEUT.
Nom.	μέλᾱς	μέλαινα	μέλαν
Gen.	μέλανος	μελαίνης	μέλανος
Dat.	μέλανι	μελαίνῃ	μέλανι
Acc.	μέλανα	μέλαιναν	μέλαν
Voc.	μέλαν	μέλαινα	μέλαν
	DUAL		
N.A.V.	μέλανε	μελαίνᾱ	μέλανε
G.D.	μελάνοιν	μελαίναιν	μελάνοιν
	PLURAL		
N.V.	μέλανεσ	μέλαιναι	μέλανα
Gen.	μελάνων	μελαινῶν	μελάνων
Dat.	μέλασι	μελαίναις	μέλασι
Acc.	μέλανεσ	μελαίνᾱς	μέλανα

Like *μέλᾱς* is declined only *τάλᾱς* *wretched*.

NOTE.—The feminine *μέλαινα* is for *\*μελαν-ια* (see § 39, 4).

1. The nominative singular masculine is formed with *ς*, contrary to § 96, 1. Observe that the nominative singular masculine (*μέλᾱς*) has long *ā* according to § 34, while the short *a* of the dative plural (*μέλασι*) is in accordance with § 99.



## 125. Stems in -ντ-. — Stems in -ντ- are thus declined :

χαρίεις <i>pleasing.</i>			πᾶς <i>all.</i>			
SINGULAR						
	MASC.	FEM.	NEUT.	MASC.	FEM.	NEUT.
Nom.	χαρίεις	χαρίεσσα	χαρίεν	πᾶς	πᾶσα	πᾶν
Gen.	χαρίεντος	χαρίεσσης	χαρίεντος	παντός	πάσης	παντός
Dat.	χαρίεντι	χαρίεσση	χαρίεντι	παντί	πάσῃ	παντί
Acc.	χαρίεντα	χαρίεσσαν	χαρίεν	πάντα	πᾶσαν	πᾶν
Voc.	χαρίεν	χαρίεσσα	χαρίεν	πᾶν	πᾶσα	πᾶν
DUAL						
N.A.V.	χαρίεντε	χαρίεσσᾱ	χαρίεντε			
G.D.	χαρίέντοιν	χαρίέσσαιν	χαρίέντοιν			
PLURAL						
N.V.	χαρίεντες	χαρίεσσαι	χαρίεντα	πάντες	πᾶσαι	πάντα
Gen.	χαρίέντων	χαρίεσσῶν	χαρίέντων	πάντων	πᾶσῶν	πάντων
Dat.	χαρίεσι	χαρίεσσαις	χαρίεσι	πᾶσι	πάσαις	πᾶσι
Acc.	χαρίεντας	χαρίεσσᾶς	χαρίεντα	πάντας	πᾶσᾶς	πάντα

Like *χαρίεις* are inflected *πτερόεις winged*, *φωνήεις voiced*.

NOTE 1. — The feminine *πᾶσα* is for \**παντ-ja*, \**παντ-σα* (§ 34), while *χαρίεσσα* (-εττα, see § 125, 1) is for \**χαριετ-ia* (§ 39, 1), from a shorter form of the stem (*χαριετ-*). The dative plural *χαρίεσι* (for \**χαριετ-σι*, § 30) also comes from this stem.

NOTE 2. — The nominatives singular masculine *χαρίεις* and *πᾶς* are for \**χαριεντ-ς* and \**παντ-ς*. See § 34.

1. The feminine of adjectives like *χαρίεις* occurs only in poetic diction, and so the feminine *χαρίεσσα* has *σσ* instead of *ττ* (§ 22). The Attic prose form of this word would be *χαρίεττα*.

2. Observe that the genitives and datives *πάντων*, *πᾶσι* are accented contrary to § 100.

3. Observe that the neuter singular *πᾶν* irregularly has *ā*, imitated from the masculine.

## ADJECTIVES OF ONE ENDING

**126.** A few adjectives from their meaning have no neuter, and the masculine and feminine are inflected alike: so ἄ-παις *childless*, gen. sing. ἄπαιδ-ος, etc.; πένης *poor*, gen. sing. πένητ-ος, etc.

## ADJECTIVES OF IRREGULAR DECLENSION

**127.** The irregular adjectives μέγας *great* (stems μεγα- and μεγαλο-, § 73, 1) and πολὺς *much, many* (stems πολυ- and πολλο-, § 73, 1) are thus declined:

μέγας <i>great.</i>			πολύς <i>much, many.</i>			
SINGULAR						
	MASC.	FEM.	NEUT.	MASC.	FEM.	NEUT.
Nom.	μέγας	μεγάλη	μέγα	πολύς	πολλή	πολύ
Gen.	μεγάλου	μεγάλης	μεγάλου	πολλοῦ	πολλῆς	πολλοῦ
Dat.	μεγάλῳ	μεγάλῃ	μεγάλῳ	πολλῷ	πολλῇ	πολλῷ
Acc.	μέγαν	μεγάλην	μέγα	πολύν	πολλήν	πολύ
Voc.	μέγας	μεγάλη	μέγα			
DUAL						
N.A.V.	μεγάλῳ	μεγάλᾱ	μεγάλῳ			
G.D.	μεγάλοιν	μεγάλαιν	μεγάλοιν			
PLURAL						
N.V.	μεγάλοι	μεγάλαι	μεγάλα	πολλοί	πολλαί	πολλά
Gen.	μεγάλων	μεγάλων	μεγάλων	πολλῶν	πολλῶν	πολλῶν
Dat.	μεγάλοις	μεγάλαις	μεγάλοις	πολλοῖς	πολλαῖς	πολλοῖς
Acc.	μεγάλους	μεγάλας	μεγάλα	πολλούς	πολλάς	πολλά

NOTE. — In πολὺς two stems are to be seen (§ 73, 1), one with and one without ο: thus (1) πολυ- and (2) πολυο-, i.e. πολφο. and by assimilation πολλο.

**127 a.** Herodotus has πολλός, πολλή, πολλόν, declined like ἀγαθός. Homer also frequently uses this form, as well as other 3d declension forms (not Attic), from the stem πολυ-: thus gen. sing. πολέος, nom. plur. πολέες, gen. πολέων, dat. πολέεσσι (§ 76 b), πολέσσι, and πολέσι, acc. πολέας.

**128.** Declension of *πρᾶος*. — *πρᾶος* *mild* (stem *πρᾶο-*) forms its feminine and usually most of its plural from a stem *πρᾶν-* (§ 73, 1). Thus, nom. sing. fem. *πρᾶεία* (for \**πρᾶευ-ια*; cf. *ταχεία*, § 123, note), nom. plur. masc. *πρᾶοι* or *πρᾶείς*, gen. plur. masc. *πρᾶῶν* or (usually) *πρᾶέων*, etc.

## DECLENSION OF PARTICIPLES

**129.** All participles of the middle voice, together with the participle of the future passive, are inflected like *ἀγαθός* (§ 117).

All other participles, namely, the participles of the active voice, together with the participle of the aorist passive, belong to the first and third declensions (§ 122). The stems of all of these, with the exception of the perfect active participle, end in *ντ*. Such participles are thus declined :

*βουλεύων* *planning*. (stem *βουλευοντ-*)      *ὢν* *being*. (stem *ὄντ-*)

## SINGULAR

	MASC.	FEM.	NEUT.	MASC.	FEM.	NEUT.
Nom.	βουλεύων	βουλεύουσα	βουλεύον	ὢν	οὔσα	ὄν
Gen.	βουλευόντος	βουλευούσης	βουλευόντος	όντος	ούσης	όντος
Dat.	βουλευόντι	βουλευούσῃ	βουλευόντι	όντι	ούσῃ	όντι
Acc.	βουλεύοντα	βουλεύουσαν	βουλεύον	όντα	ούσαν	όν
Voc.	βουλεύων	βουλεύουσα	βουλεύον	ὢν	οὔσα	ὄν

## DUAL

N.A.V.	βουλεύοντε	βουλευούσᾱ	βουλεύοντε	όντε	οὔσᾱ	όντε
G.D.	βουλευόντοιν	βουλευούσαιν	βουλευόντοιν	όντοιν	ούσαιν	όντοιν

## PLURAL

N.V.	βουλεύοντες	βουλεύουσai	βουλεύοντα	όντες	ούσαι	όντα
Gen.	βουλευόντων	βουλευουσῶν	βουλευόντων	όντων	ουσῶν	όντων
Dat.	βουλεύουσι	βουλευούσαις	βουλεύουσι	ούσι	ούσαις	ούσι
Acc.	βουλεύοντας	βουλευούσας	βουλεύοντα	όντας	ούσας	όντα

διδούς *giving* (διδοντ-)δεικνύς *showing* (δεικνυντ-)

## SINGULAR

	MASC.	FEM.	NEUT.	MASC.	FEM.	NEUT.
Nom.	διδούς	διδούσα	διδόν	δεικνύς	δεικνύσα	δεικνύν
Gen.	διδόντος	διδούσης	διδόντος	δεικνύντος	δεικνύσης	δεικνύντος
Dat.	διδόντι	διδούσῃ	διδόντι	δεικνύντι	δεικνύσῃ	δεικνύντι
Acc.	διδόντα	διδούσαν	διδόν	δεικνύντα	δεικνύσαν	δεικνύν
Voc.	διδούς	διδούσα	διδόν	δεικνύς	δεικνύσα	δεικνύν

## DUAL

N.A.V.	διδόντε	διδούσᾱ	διδόντε	δεικνύντε	δεικνύσᾱ	δεικνύντε
G.D.	διδόντοιν	διδούσαιιν	διδόντοιν	δεικνύντοιν	δεικνύσαιιν	δεικνύντοιν

## PLURAL

N.V.	διδόντες	διδούσαι	διδόντα	δεικνύντες	δεικνύσαι	δεικνύντα
Gen.	διδόντων	διδουσῶν	διδόντων	δεικνύντων	δεικνύσῶν	δεικνύντων
Dat.	διδούσι	διδούσαις	διδούσι	δεικνύσι	δεικνύσαις	δεικνύσι
Acc.	διδόντας	διδούσας	διδόντα	δεικνύντας	δεικνύσας	δεικνύντα

λύσᾱς *having loosed* (λύσαντ-)λυθείς *loosed* (λυθεντ-)

## SINGULAR

	MASC.	FEM.	NEUT.	MASC.	FEM.	NEUT.
Nom.	λύσᾱς	λύσᾱσα	λύσαν	λυθείς	λυθείσα	λυθέν
Gen.	λύσαντος	λυσάσης	λύσαντος	λυθέντος	λυθείσης	λυθέντος
Dat.	λύσαντι	λυσάσῃ	λύσαντι	λυθέντι	λυθείσῃ	λυθέντι
Acc.	λύσαντα	λυσάσαν	λύσαν	λυθέντα	λυθείσαν	λυθέν
Voc.	λύσᾱς	λύσᾱσα	λύσαν	λυθείς	λυθείσα	λυθέν

## DUAL

N.A.V.	λύσαντε	λυσάσᾱ	λύσαντε	λυθέντε	λυθείσᾱ	λυθέντε
G.D.	λυσάντοιν	λυσάσαιιν	λυσάντοιν	λυθέντοιν	λυθείσαιιν	λυθέντοιν

## PLURAL

N.V.	λύσαντες	λυσάσαι	λύσαντα	λυθέντες	λυθείσαι	λυθέντα
Gen.	λυσάντων	λυσᾱσῶν	λυσάντων	λυθέντων	λυθεισῶν	λυθέντων
Dat.	λύσᾱσι	λυσάσαις	λύσᾱσι	λυθείσι	λυθείσαις	λυθείσι
Acc.	λύσαντας	λυσάσας	λύσαντα	λυθέντας	λυθείσας	λυθέντα

So also are declined *παιδεύων* *educating* (like *βουλεύων*), *λιπών* (2d aor.) *having left* (like *ὄν*), *έκών* *willing* (like *ὄν*), *παιδεύσᾱς* *having educated* (like *λύσᾱς*), *ιστάς* *erecting* (like

λυτός), παιδευθείς *educated* (like λυθείς), τιθείς *putting* (like λυθείς).

1. Observe that all stems in -οντ-, except those of -μι verbs (§ 170), form their nominative singular masculine without -ς, according to § 96, 1. All other stems in -ντ- form their nominative by adding -ς.

2. Observe that the accent of the neuter singular follows that of the masculine (βουλεῖον, unlike εὔδαιμον, § 120, 1).

3. Observe that participles of one syllable keep their written accent on the first syllable in the genitive and dative, contrary to § 100.

4. Observe that the vocative singular is like the nominative (cf. § 98, 1).

**130.** The present participle of verbs in -ῶ (-άω, -έω, and -όω) and the future participle of liquid verbs (§ 213) are contracted. They are declined as follows:

τιμῶν *honoring* (contracted from τιμάων)

SINGULAR

MASC.

FEM.

NEUT.

Nom.	τιμῶν	(-άων)	τιμῶσα	(-άουσα)	τιμῶν	(-άον)
Gen.	τιμῶντος	(-άοντος)	τιμώσης	(-αούσης)	τιμῶντος	(-άοντος)
Dat.	τιμῶντι	(-άοντι)	τιμώσῃ	(-αούσῃ)	τιμῶντι	(-άοντι)
Acc.	τιμῶντα	(-άοντα)	τιμῶσαν	(-άουσαν)	τιμῶν	(-άον)
Voc.	τιμῶν	(-άων)	τιμῶσα	(-άουσα)	τιμῶν	(-άον)

DUAL

N.A.V.	τιμῶντε	(-άοντε)	τιμώσα	(-αούσα)	τιμῶντε	(-άοντε)
G.D.	τιμῶντοιν	(-αόντοιν)	τιμώσαιν	(-αούσαιν)	τιμῶντοιν	(-αόντοιν)

PLURAL

N.V.	τιμῶντες	(-άοντες)	τιμῶσαι	(-άουσai)	τιμῶντα	(-άοντα)
Gen.	τιμῶντων	(-αόντων)	τιμῶσων	(-αουσῶν)	τιμῶντων	(-αόντων)
Dat.	τιμῶσι	(-άουσι)	τιμῶσαις	(-αούσαις)	τιμῶσι	(-άουσι)
Acc.	τιμῶντας	(-άοντας)	τιμῶσας	(-αούσας)	τιμῶντα	(-άοντα)

φιλῶν *loving* (contracted from φιλέων)

## SINGULAR

	MASC.		FEM.		NEUT.
Nom.	φιλῶν (-έων)		φιλοῦσα (-έουσα)		φιλοῦν (-έον)
Gen.	φιλοῦντος (-έοντος)		φιλούσης (-εούσης)		φιλοῦντος (-έοντος)
Dat.	φιλοῦντι (-έοντι)		φιλούσῃ (-εούσῃ)		φιλοῦντι (-έοντι)
Acc.	φιλοῦντα (-έοντα)		φιλοῦσαν (-έουσαν)		φιλοῦν (-έον)
Voc.	φιλῶν (-έων)		φιλοῦσα (-έουσα)		φιλοῦν (-έον)

## DUAL

N.A.V.	φιλοῦντε (-έοντε)		φιλούσᾱ (-εούσᾱ)		φιλοῦντε (-έοντε)
G.D.	φιλοῦντοιν (-εόντοιν)		φιλούσαιν (-εούσαιν)		φιλοῦντοιν (-εόντοιν)

## PLURAL

N.V.	φιλοῦντες (-έοντες)		φιλοῦσαι (-έουσαι)		φιλοῦντα (-έοντα)
Gen.	φιλοῦντων (-έοντων)		φιλουσῶν (-εουσῶν)		φιλοῦντων (-έοντων)
Dat.	φιλοῦσι (-έουσι)		φιλούσαις (-εούσαις)		φιλοῦσι (-έουσι)
Acc.	φιλοῦντας (-έοντας)		φιλούσᾱς (-εούσᾱς)		φιλοῦντα (-έοντα)

1. The present participle of δηλῶ (-όω), δηλῶν (for δηλώων), is inflected exactly like φιλῶν. The uncontracted forms do not occur.

**131. Perfect Active Participles.**—The stem of the perfect active participle ends in *οτ* or *οσ* (§ 73, 1). The declension is as follows:

λελυκώς *having loosed* (stem λελυκοτ-, λελυκοσ-)

## SINGULAR

	MASC.		FEM.		NEUT.
Nom.	λελυκώς		λελυκυῖα		λελυκός
Gen.	λελυκότος		λελυκυῖας		λελυκότος
Dat.	λελυκότι		λελυκυῖᾱ		λελυκότι
Acc.	λελυκότα		λελυκυῖαν		λελυκός
Voc.	λελυκώς		λελυκυῖα		λελυκός

## DUAL

N.A.V.	λελυκότε		λελυκυῖᾱ		λελυκότε
G.D.	λελυκότοιν		λελυκυῖαιν		λελυκότοιν

## PLURAL

N.V.	λελυκότες		λελυκυῖαι		λελυκότα
Gen.	λελυκότων		λελυκυῖῶν		λελυκότων
Dat.	λελυκόσι		λελυκυῖαις		λελυκόσι
Acc.	λελυκότας		λελυκυῖας		λελυκότα

So also are inflected *πεπαιδευκώς*, *-κυῖα*, *-κός* *having educated*; *ἑστώς*, *ἑστῶσα*, *ἑστός* *standing* (stem *ἑστωτ-* (*ἑστωσ-*), contracted from *ἑσταοτ-*).

NOTE. — The neuter of *ἑστώς* is usually written *ἑστός*, probably to distinguish it from the masculine, since otherwise both would be *ἑστώς*.

## COMPARISON OF ADJECTIVES

**132. Comparison by -τερος, -τατος.** — Most adjectives form the comparative degree by adding *-τερος*, *-τερᾶ*, *-τερον* (declined like *μακρός*, § 117) to the masculine stem of the positive. The superlative is formed by adding *-τατος*, *-τατη*, *-τατον* (declined like *ἀγαθός*, § 117) to the same stem. Thus :

POSITIVE	COMPARATIVE	SUPERLATIVE
<i>κούφος</i> <i>light</i>	<i>κουφό-τερος</i>	<i>κουφό-τατος</i>
<i>πικρός</i> <i>bitter</i>	<i>πικρό-τερος</i>	<i>πικρό-τατος</i>
<i>ὀξύς</i> <i>sharp</i>	<i>ὀξύ-τερος</i>	<i>ὀξύ-τατος</i>
<i>μέλᾱς</i> <i>black</i>	<i>μελάν-τερος</i>	<i>μελάν-τατος</i>
<i>σαφής</i> <i>clear</i>	<i>σαφέσ-τερος</i>	<i>σαφέσ-τατος</i>
<i>χαρίεις</i> <i>pleasing</i>	<i>χαριέσ-τερος</i> (for * <i>χα-ριετ-τερος</i> see § 26 and § 125, note 1)	<i>χαριέσ-τατος</i>

1. Stems in *-o-* lengthen the final *o* of the stem unless the preceding syllable is long (either by nature or position, §§ 52, 53). Thus :

POSITIVE	COMPARATIVE	SUPERLATIVE
<i>σοφός</i> <i>wise</i>	<i>σοφώ-τερος</i>	<i>σοφώ-τατος</i>
<i>ἄξιος</i> <i>worthy</i>	<i>ἄξιώ-τερος</i>	<i>ἄξιώ-τατος</i>

2. A few words usually drop the final *o* of the stem : thus *γεραιός* *old*, comparative *γεραιότερος* ; *φίλος* *friendly*, comparative *φίλτερος*, superlative *φίλτατος*.



**133.** Adjectives in *-ων* and *-ους* (*-οος*) are compared as if their stems ended in *εσ*: thus *σώφρων* *discreet*, comparative *σώφρονέσ-τερος*, etc.; *εὔνους* *well disposed*, comparative *εὐνούστερος*, etc. (for *\*εὐνοεσ-τερος*).

**134. Comparison by *-ίων*, *-ιστος*.** — A few adjectives are compared by adding to the *root* of the positive the endings *-ίων*, *-ιον* to form the comparative, and *-ιστος*, *-ιστη*, *-ιστον* to form the superlative. The superlative is declined like *ἀγαθός* (§ 117); for the declension of the comparative see § 121. Thus :

POSITIVE	COMPARATIVE	SUPERLATIVE
ἡδ-ύ-ς <i>pleasant</i> (cf. ἡδ-ομαι <i>am pleased</i> )	ἡδ-ί-ων	ἡδ-ιστος
ταχ-ύ-ς <i>swift</i> (cf. τάχ-ος <i>swiftness</i> )	θάττων (for <i>*ταχ-ίων</i> , §§ 39, 1 and 41)	τάχ-ιστος
μέγ-α-ς <i>great</i> (cf. μέγ-εθος <i>greatness</i> )	μείζων (for <i>*μεγ-ίων</i> , § 39, 2)	μέγ-ιστος
ἐχθ-ρό-ς <i>hostile</i> (cf. ἔχθ-ος <i>hatred</i> )	ἐχθ-ί-ων	ἐχθ-ιστος
αἰσχ-ρό-ς <i>shameful</i> (cf. αἰσχ-ος <i>shame</i> )	αἰσχ-ί-ων	αἰσχ-ιστος

**135. Comparison by *μᾶλλον*, *μάλιστα*.** — Adjectives are sometimes compared by means of the adverbs *μᾶλλον* *more* and *μάλιστα* *most*. Thus, *φίλος* *friendly*, *μᾶλλον φίλος* *more friendly*, *μάλιστα φίλος* *most friendly*.

**134 a.** In Epic poetry the comparative ending *-ίων* has short *ι*.

**b.** In poetry the forms in *-ίων*, *-ιστος* occur much more frequently than in prose. Homer has several comparatives and superlatives that are not usual in Attic: thus *κύδιστος* *most glorious*, *φέρτερος* *more excellent*, *ὀπλότερος* *younger*; all these will be found in the lexicon.

**136. Irregular Comparison.** — The following list contains the most important adjectives of irregular comparison :

POSITIVE	COMPARATIVE	SUPERLATIVE
ἀγαθός <i>good</i>	ἀμείνων	ἄριστος (cf. ἀρ-ετή <i>virtue</i> )
	βελτίων	βέλτιστος
	κρείττων	κράτιστος (cf. κρά-ος <i>strength</i> )
	λῦων	λῦστος
κακός <i>bad</i>	κακίων	κάκιστος
	χείρων ( <i>deterior</i> )	χείριστος
	ἥττων ( <i>inferior</i> )	ἥκιστα adv. <i>least of all</i>
μικρός <i>small</i>	μικρότερος	μικρότατος
	μείων	
	ἐλάττων (for *ἐλαχ- ίων, § 39, 1)	ἐλάχιστος
πολύς <i>much,</i> <i>many</i>	πλείων, πλέων (see § 21)	πλείστος
καλός <i>beautiful</i>	καλλίων	κάλλιστος (cf. κάλλ-ος <i>beauty</i> )
ῥᾶδιος <i>easy</i>	ῥάων	ῥᾶστος
ἀλγεινός <i>painful</i>	ἀλγίων	ἄλγιστος (cf. ἄλγ-ος <i>pain</i> )

## ADVERBS

**137. Form of Adverbs.** — Most Adverbs end in -ως, and are regularly derived from adjectives. Their form is in all respects like the genitive plural, except that the last letter is *s* instead of *ν*.

Their form can always be determined by substituting *s* for the final *ν* of the genitive plural.

Thus, σοφῶς *wisely* (σοφός *wise*, gen. plur. σοφῶν), πάντως *wholly* (πᾶς *whole*, gen. plur. πάντων), ταχέως *quickly* (ταχύς *quick*, gen. plur. ταχέων), σαφῶς *clearly* (σαφής *clear*, gen. plur. contracted (§ 120) σαφῶν).

NOTE. — The adverb corresponding to ἀγαθός *good* is εὖ *well*.

1. Besides the regularly formed adverbs many nouns (some of them obsolete) and some pronominal stems are used in certain cases adverbially.

Thus, *πολύ* *much* (§ 336), *σπουδῇ* *earnestly* (§ 389), *οἴκοι* *at home* (see § 76, note), *πρῶ* *early*, *ἀμαχεί* *without a battle*, *ποῖ* *whither*, *ποῦ* *where* (cf. § 358), *οὔδαμῶ* *nowhere* (cf. § 358).

2. Certain local endings of the nature of case-endings (§ 76) are used to form adverbs of place. These are: *-θι*, Place Where, as in *ἄλλο-θι* *elsewhere*; *-θεν*, Place Whence, as in *οἴκο-θεν* *from home*, *πάντο-θεν* *from all sides*; *-δε*, Place Whither, as in *οἴκα-δε* *homeward*, *Ἀθῆνᾶζε* (for *Ἀθῆνᾶς-δε*) *toward Athens*.

**138. Comparison of Adverbs.** — Adverbs in *-ως* employ for their comparative the neuter singular of the comparative of their adjective; for their superlative they employ the neuter plural of the superlative.

Thus, *σοφῶς* *wisely*, *σοφώτερον* *more wisely*, *σοφώτατα* *most wisely*; *ῥᾱδίως* *easily*, *ῥᾱον* *more easily*, *ῥᾱστα* *most easily*.

1. Adverbs in *-ω* have the comparative and superlative ending in *-ω*. Thus, *ἄνω* *above*, *ἀνωτέρω* *higher*, *ἀνωτάτω* *highest*.

2. The adverb *μάλα* *very* has for its comparative *μᾶλλον* (for *μάλῃον*, § 39, 3), and for its superlative *μάλιστα*.

**137. 2 a.** The local endings are naturally much more frequent in Homer: thus *οἴκοθι* *at home*, *οὐρανόθεν* *from heaven*, *ἡμετερόνδε* *to our (house)*, *πόλινδε* *to the city*, etc.

## PRONOUNS

**139. The Personal Pronouns.** — The pronouns of the first, second, and third person are thus declined :

	FIRST PERSON	SECOND PERSON	THIRD PERSON
		SINGULAR	
Nom.	ἐγώ <i>I</i>	σύ <i>you</i>	him, her, it
Gen.	ἐμοῦ; μου (enclitic)	σοῦ; σου (enclitic)	οὗ; οῦ (enclitic)
Dat.	ἐμοί; μοι (enclitic)	σοί; σοι (enclitic)	οἱ; οἱ (enclitic)
Acc.	ἐμέ; με (enclitic)	σέ; σε (enclitic)	ἐ; ἐ (enclitic)
Voc.		σύ	
		DUAL	
N.A.(V.)	νὼ <i>we two</i>	σφῶ <i>you two</i>	
G.D.	νῶν	σφῶν	
		PLURAL	
Nom.	ἡμεῖς <i>we</i>	ὑμεῖς <i>you</i>	σφεῖς <i>they</i>
Gen.	ἡμῶν	ὑμῶν	σφῶν
Dat.	ἡμῖν	ὑμῖν	σφίσι
Acc.	ἡμᾶς	ὑμᾶς	σφᾶς
Voc.		ὑμεῖς	

NOTE. — The stems of the pronoun of the first person are (ἐ)με- (the nominative ἐγώ being of different formation), νω-, and ἡμε- (from ἄμμε-); of the second person σν- (for τυ-), σε (for \*τφε-) σφω-, and ὑμε- (from ὑμμε-); of the third person ἐ- (originally \*σφε-, § 36 a), ἐε- (for \*σεφε-), and σφε-. From the shorter stem τυ- of the second person comes only the nominative σύ (cf. πολὺς, § 127, note). From the longer form of the stem of the third person ἐε- (\*σεφε-) comes the Homeric form ἐέ, acc.

1. The enclitic (§ 70) forms are used when there is no emphasis on the pronoun. Thus, δοκεῖ μοι *it seems (to me)*. But when the pronoun is emphatic the forms with written accent (and in the first person the longer forms ἐμοῦ, etc.) are employed: thus εἰπὲ καὶ ἐμοί *tell even me*. This is regularly the case when prepositions are used with

the pronouns: thus *παρ' ἐμοῦ* from *beside me*, *περὶ σοῦ* about *you*.

2. The pronoun of the third person οὗ, οὗ, ἑ, when used as a direct reflexive (§ 470), is never enclitic.

139 a. Homer has the following forms of the personal pronouns:

SINGULAR			
Nom.	ἐγώ, ἐγών	σύ, τὸν	
Gen.	ἐμεῖο, ἐμέο, ἐμεῦ,	σεῖο, σέο, σεῦ.	εἶο, ξο, ἐο (encl.),
	μεν (encl.), ἐμέθεν	σευ (encl.), σέθεν	εὖ, εὖ (encl.), ἔθεν, ἐθέν (encl.)
Dat.	ἐμοί, μοι (encl.)	σοί, τοι (encl.), τεῖν	οἶ, οἶ, οἶ (encl.)
Acc.	ἐμέ, με (encl.)	σέ, σε (encl.)	ἐέ, ξ, μν (encl.)
DUAL			
N.A.	νῶϊ, νώ	σφῶϊ, σφώ	σφωέ (encl.)
G.D.	νῶϊν	σφῶϊν, σφῶν (δ 62)	σφωῖν (encl.)
PLURAL			
Nom.	ἡμεῖς, ἄμμες	ὑμεῖς, ὕμμες	
Gen.	ἡμεῖων, ἡμέων	ὑμεῖων, ὕμέων	σφείων, σφέων, σφεών (encl.), σφῶν
			σφίσι(ν), σφισί(ν) (encl.), σφιν (encl.)
Dat.	ἡμῖν, ἄμμι(ν)	ὑμῖν, ὕμμι(ν)	
Acc.	ἡμέας, ἄμμε	ὑμέας, ὕμμε	σφέας, σφεάς (encl.), σφέ (encl.)

The forms of the plural in ἄμμ- and ὕμμ- are Aeolic in origin.

b. In Herodotus the personal pronouns have the following inflection:

SINGULAR			
Nom.	ἐγώ	σύ	
Gen.	ἐμέο, ἐμεῦ, μεν (encl.)	σέο, σεῦ, σευ (encl.)	εὖ (encl.)
Dat.	ἐμοί, μοι (encl.)	σοί, τοι (encl.)	οἶ (encl.)
Acc.	ἐμέ, με (encl.)	σέ, σε (encl.)	έ (encl.), μν (encl.)
PLURAL			
Nom.	ἡμεῖς	ὑμεῖς	σφεῖς
Gen.	ἡμέων	ὕμέων	σφέων, σφεων (encl.)
Dat.	ἡμῖν	ὑμῖν	σφίσι, σφισι (encl.)
Acc.	ἡμέας	ὕμέας	σφέας, σφεας (encl.), neut. σφεα (encl.)

**NOTE 1.** — The Tragedians for the accusative of the third personal pronoun use *νιν* (encl.) and *σφε* (encl.) for all genders both singular and plural.

**NOTE 2.** — The genitive, dative, and accusative plural of the first and second persons sometimes throw their written accent to the first syllable (often shortening at the same time the final syllable): thus *ἡμῶν*, *ἡμῖν*, *ὑμᾶς*.

**140. The Intensive Pronoun αὐτός.** — The pronoun *αὐτός* *self, same* is thus inflected:

SINGULAR			
	MASC.	FEM.	NEUT.
Nom.	αὐτός	αὐτή	αὐτό
Gen.	αὐτοῦ	αὐτῆς	αὐτοῦ
Dat.	αὐτῷ	αὐτῇ	αὐτῷ
Acc.	αὐτόν	αὐτήν	αὐτό
DUAL			
N.A.	αὐτῶ	αὐτά	αὐτῶ
G.D.	αὐτοῖν	αὐταῖν	αὐτοῖν
PLURAL			
Nom.	αὐτοί	αὐταί	αὐτά
Gen.	αὐτῶν	αὐτῶν	αὐτῶν
Dat.	αὐτοῖς	αὐταῖς	αὐτοῖς
Acc.	αὐτούς	αὐτάς	αὐτά

Like *αὐτός* is inflected also *ἄλλος*, *ἄλλη*, *ἄλλο* *other*.

1. In Attic the oblique cases of *αὐτός* are usually employed instead of the pronoun of the third person *οὗ*, *οἷ*, *ἐ*, etc.

**141. Reflexive Pronouns.** — The reflexive pronouns are formed from the stems of the personal pronouns compounded with *αὐτός*. From their meaning they can have no nominative case. The third person has also a neuter. In the plural both stems are declined together, yet the

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**140 a.** Herodotus has *αὐτέων* for the genitive plural feminine of *αὐτός* (cf. § 84 a). For the crasis *ωντός*, see § 5 a.

third person plural has also the compound form. They are thus declined :

SINGULAR		
<i>myself.</i>	<i>thyself.</i>	<i>himself, herself, itself.</i>
Gen. ἐμαυτοῦ, -ῆς	σεαυτοῦ, -ῆς	ἐαυτοῦ, -ῆς, -οῦ
Dat. ἐμαυτῷ, -ῇ	σεαυτῷ, -ῇ	ἐαυτῷ, -ῇ, -ῷ
Acc. ἐμαυτόν, -ήν	σεαυτόν, -ήν	ἐαυτόν, -ήν, -ό
PLURAL		
<i>ourselves.</i>	<i>yourselves.</i>	<i>themselves.</i>
Gen. ἡμῶν αὐτῶν	ὕμῶν αὐτῶν	ἐαυτῶν OR σφῶν αὐτῶν
Dat. ἡμῖν αὐτοῖς, -αῖς	ὕμῖν αὐτοῖς, -αῖς	ἐαυτοῖς, -αῖς, -οῖς OR σφίσιν αὐτοῖς, -αῖς
Acc. ἡμᾶς αὐτούς, -άς	ὕμᾶς αὐτούς, -άς	ἐαυτούς, -άς, -ά OR σφᾶς αὐτούς, -άς

1. σεαυτοῦ and ἐαυτοῦ are often contracted : σαυτοῦ, σαντῆς ; αὐτοῦ, αὐτῆς, etc.

142. Reciprocal Pronoun. — The reciprocal pronoun, meaning *one another*, from its meaning has no singular number, and no nominative or vocative case. It is thus declined :

Stem ἀλληλο- (for \*ἀλλ-αλλο-)

DUAL			
	MASC.	FEM.	NEUT.
G.D.	ἀλλήλοιν	ἀλλήλαιν	ἀλλήλοιν
Acc.	ἀλλήλω	ἀλλήλᾱ	ἀλλήλω
PLURAL			
Gen.	ἀλλήλων	ἀλλήλων	ἀλλήλων
Dat.	ἀλλήλοις	ἀλλήλαις	ἀλλήλοις
Acc.	ἀλλήλους	ἀλλήλᾱς	ἀλλήλα

141 a. In Homer the personal pronouns alone are sometimes used reflexively ; often the reflexive meaning is made more clear by the addition of αὐτός, but the two pronouns have not yet combined, as in Attic, into one word. Thus, Homer has ἐμέθεν αὐτῆς *myself* (gen. fem.), οἱ αὐτῷ *himself* (dat.), αὐτόν μιν *himself* (acc.), etc.



**143. Possessive Pronouns.** — The possessive pronouns are formed from the stems of the personal pronouns. They are :

ἐμός	ἐμή	ἐμόν	my, mine.	ἡμέτερος	-ᾱ	-ον	our, ours.
σός	σή	σόν	thy, thine.	ὑμέτερος	-ᾱ	-ον	your, yours.
ὅς	ῆ	ὄν	his (her, its) own.	σφέτερος	-ᾱ	-ον	their own.

1. The possessive ὅς is not used in Attic prose, but its place is taken by the genitive of αὐτός (§§ 477–8).

**144. Demonstrative Pronouns.** — The definite article ὁ, ἡ, τό, is thus inflected :

Stems **το-** and **ό** (for **σο-**, § 36)

SINGULAR			
	MASC.	FEM.	NEUT.
Nom.	ὁ	ἡ	τό
Gen.	τοῦ	τῆς	τοῦ
Dat.	τῷ	τῇ	τῷ
Acc.	τόν	τήν	τό
DUAL			
N.A.	τώ	τώ	τώ
G.D.	τοῖν	τοῖν	τοῖν
PLURAL			
Nom.	οἱ	αἱ	τά
Gen.	τῶν	τῶν	τῶν
Dat.	τοῖς	ταῖς	τοῖς
Acc.	τούς	τάς	τά

**143 a.** Beside the forms given above (§ 143) Homer has also *τεός* (Latin *tuus*) *thy*, *έός* *his (her, its)*, *ἄμός* *our*, *ὑμός* *your*, *σφός* *their*; also, from the dual stems *νω-*, *σφω-*, *νωῖτερος* *belonging to us two*, and *σφωῖτερος* *belonging to you two*.

The possessive *ὅς*, *έός*, in Homer appears sometimes to be used without reference to the third person, in the sense of *own*: thus *ῆς γαίης* (*my*) *own land* (gen.), *δῶμασι οἷσι* (*your*) *own house* (dat.).

**144 a.** Homer almost always uses *ὁ*, *ἡ*, *τό*, as a demonstrative pronoun.

Beside the forms given above (§ 144) Homer has also nom. sing. masc. *ὅς* (found also in Attic in the phrases *καὶ ὅς* *ἐφη* *and he said*, and *ἦ δ' ὅς*

145. The demonstrative pronouns ὅδε, ἥδε, τόδε *this*, and οὗτος, αὗτη, τοῦτο *this, that*, are thus declined :

SINGULAR						
	MASC.	FEM.	NEUT.	MASC.	FEM.	NEUT.
Nom.	ὅδε	ἥδε	τόδε	οὗτος	αὗτη	τοῦτο
Gen.	τοῦδε	τῆσδε	τοῦδε	τούτου	ταύτης	τούτου
Dat.	τῷδε	τῇδε	τῷδε	τούτῳ	ταύτῃ	τούτῳ
Acc.	τόνδε	τήνδε	τόδε	τούτον	ταύτην	τούτο
DUAL						
N.A.	τώδε	τῷδε	τῷδε	τούτῳ	τούτῳ	τούτῳ
G.D.	τοίνδε	τοίνδε	τοίνδε	τούτοιν	τούτοιν	τούτοιν
PLURAL						
Nom.	οἷδε	αἷδε	τάδε	οὗτοι	αὗται	ταῦτα
Gen.	τῶνδε	τῶνδε	τῶνδε	τούτων	τούτων	τούτων
Dat.	τοῖσδε	ταῖσδε	τοῖσδε	τούτοις	ταύταις	τούτοις
Acc.	τούσδε	τάσδε	τάδε	τούτους	ταύτας	ταῦτα

1. Observe that the use of *ou* or *av* in οὗτος depends on the character of the last syllable, *ou* being used to correspond to an *o*-sound, and *av* to correspond to an *a* (*η*)-sound.

146. Ἐκεῖνος, ἐκείνη, ἐκεῖνο *that*, is declined like αὐτός (§ 140).

147. The demonstrative pronouns are sometimes made more emphatic by adding -ί: thus οὗτοσί, τουτουί. In

said *he*), gen. sing. masc. and neut. τοῖο (§ 90 a), gen. and dat. dual τοῖν (§ 90 b), nom. plur. masc. τοί, nom. plur. fem. ταί, gen. plur. fem. τῶν (§ 84 a), dat. plur. masc. τοῖσι (§ 90 c), dat. plur. fem. τῇσι or τῇς (§ 84 b).

144 b. Herodotus also uses ὁ, ἡ, τό, as a demonstrative pronoun, but not so frequently as Homer does. In the dative plural he has τοῖσι and τῇσι.

145 a. For the dative plural of ὅδε Homer sometimes has τοῖσδεσι or τοῖσδεσσι, Herodotus has τοῖσίδε.

146 a. For ἐκεῖνος Homer and other poets often have κείνος; Herodotus also uses both forms.

such case a preceding short vowel is dropped: thus ὁδί, ταυτί.

**148. Interrogative and Indefinite Pronouns.** — The interrogative pronoun is τίς, τί *who? what?* The indefinite pronoun is τις, τι, enclitic (§ 70), *some, any*. They are thus declined:

	INTERROGATIVE		INDEFINITE	
	SINGULAR			
	MASC. & FEM.	NEUT.	MASC. & FEM.	NEUT.
Nom.	τίς	τί	τις	τι
Gen.	τίνος, τοῦ	τίνος, τοῦ	τινός, τοῦ	τινός, τοῦ
Dat.	τίνι, τῷ	τίνι, τῷ	τινί, τῷ	τινί, τῷ
Acc.	τίνα	τί	τινά	τι
DUAL				
N.A.	τίνε	τίνε	τινέ	τινέ
G.D.	τίνοιν	τίνοιν	τινοῖν	τινοῖν
PLURAL				
Nom.	τίνες	τίνα	τινές	τινά
Gen.	τίνων	τίνων	τινῶν	τινῶν
Dat.	τίσι	τίσι	τισί	τισί
Acc.	τίνας	τίνα	τινάς	τινά

1. The acute accent of the interrogative, τίς, τί, never changes to the grave (§ 67).

NOTE 1. — The form ἄττα is sometimes used for the indefinite τινά.

NOTE 2. — Δεῖνα. Another indefinite pronoun, used in familiar speech, is δεῖνα “*Mr. what’s his name.*” always with the article: ὁ (ἡ, τὸ) δεῖνα. Sometimes it is not declined, but when declined it is inflected as follows: ὁ δεῖνα, τοῦ δεῖνος, τῷ δεῖνι, τὸν δεῖνα, οἱ δεῖνες, τῶν δεῖνων, τοὺς δεῖνους.

**148 a.** Of the interrogative and indefinite pronouns Homer and Herodotus have the following additional forms: gen. sing. τέο, τεῦ, τεο, τευ; dat. sing. τέφ, τεφ, gen. plur. τέων, τεῶν, dat. plur. τέοισι, neut. plur. (Homer) δσσα (cf. § 148 note 1 and § 22).

**149. Relative Pronouns.** — The relative pronoun *ὅς, ἣ, ὃ* *who, which*, is thus inflected :

SINGULAR			
	MASC.	FEM.	NEUT.
Nom.	ὅς	ἣ	ὃ
Gen.	οὗ	ἣς	οὗ
Dat.	ᾧ	ἣ	ᾧ
Acc.	ὃν	ἣν	ὃ
DUAL			
N.A.	ᾧ	ᾧ	ᾧ
G.D.	οἷν	οἷν	οἷν
PLURAL			
Nom.	οἱ	αἱ	ᾗ
Gen.	ῶν	ῶν	ῶν
Dat.	οἷς	αἷς	οἷς
Acc.	οὓς	ᾗς	ᾗς

**150.** The indefinite relative pronoun, *ὅστις, ἣτις, ὃ τι* (sometimes written *ὅ, τι*) *whoever, whichever*, is made by joining *ὅς* and *τις*, both parts being declined.

**149 a.** Beside the forms given above (§ 149) Homer has also gen. sing. masc. and neut. *δο* (§ 90 a), often wrongly written *δου*, and fem. *ἐης* (!).

In Homer the demonstrative pronoun, *ὁ, ἡ, τό* (§ 144 a), is often used as a relative referring to a definite antecedent (cf. English *that*). When so used the forms with *τ-* (*τοί, ταί*, § 144 a) are employed in the nominative plural.

**b.** Herodotus has from the relative the forms *ὅς, ἣ, οἷ, and αἷ*. For all other forms he employs the demonstrative [*ὁ, ἡ*] *τό, τοῦ, τῆς*, etc. (cf. § 149 a), except after certain prepositions (mostly prepositions of two syllables, of which the last syllable may suffer elision): thus *μετ' ἧς* *with whom*, *ἀπ' ᾧν* *from which* (§ 44, 4 a).

**150 a.** Homer has several forms of the indefinite relative in which the stem *ὁ-* is not declined: thus sing. nom. *ὅτις*, neut. *ὅττι*, gen. *ὅττεο, ὅττεν*, and *ὅτεν*, dat. *ὅτεφ*, acc. *ὅτινα*, neut. *ὅττι*; plur. gen. *ὅτεων*, dat. *ὀτέοισι*, acc. *ὀτινας*. For the neuter plural he uses *ἄσσα*, nom. and acc.

**b.** Herodotus has gen. sing. *ὅτεν*, dat. sing. *ὅτεφ*, gen. plur. *ὀτεων*, dat. plur. *ὀτέοισι*, neut. plur. nom. and acc. *ἄσσα*.

## SINGULAR

	MASC.	FEM.	NEUT.
Nom.	ὅστις	ἥτις	ὅ τι
Gen.	οὗτινος, ὅτου	ἥστινος	οὗτινος, ὅτου
Dat.	ᾧτινι, ὅτῳ	ἧτινι	ᾧτινι, ὅτῳ
Acc.	ὄντινα	ἥντινα	ὅ τι

## DUAL

N.A.	ὧτινε	ῶτινε	ῶτινε
G.D.	οἷντινολιν	οἷντινολιν	οἷντινολιν

## PLURAL

Nom.	οἵτινες	αἵτινες	ἅτινα, ἅττα
Gen.	ῶντινων, ὅτων	ῶντινων	ῶντινων, ὅτων
Dat.	οἷστισι, ὅτοις	αἷστισι	οἷστισι, ὅτοις
Acc.	οὓστινας	ᾗστινας	ἅτινα, ἅττα

1. The shorter forms ὅτου, ὅτῳ are more common than οὗτινος, ᾧτινι.

NOTE. — The indefinite τις may be added also to other relatives to make them more indefinite: thus ὅποῖός τις *of whatsoever kind*.

**151. Correlation of Pronouns.** — In Greek certain pronominal adjectives and adverbs show a regular correspondence in form and meaning. Thus the interrogative form begins with πο-, the indefinite has the same form but is enclitic, the demonstrative has το-, and the relative ὁ- or (general relative) ὅπο-. This may best be seen from the following list:

**151 a.** Homer often doubles the π of the general relatives: thus ὀπποῖος, ὀππότε, etc. (Attic ὅποῖος, ὀπότε). He has also τόσσος and ὅσσος.

**b.** Herodotus has κ instead of π at the beginning of interrogative and indefinite pronominal adjectives and adverbs: thus κόςος, κοῖος, κοῦ, κόθεν, κῶς, κοτέ, etc. (Attic πόσος, ποῖος, etc.); so also in the general relatives he has κ for π: thus ὀκόςος, ὀκοῖος, ὀκου, ὀκόθεν, ὀκως, etc. (Attic ὀπόσος, ὀποῖος, etc.).

INTERROGATIVE	INDEFINITE (enclitic)	DEMONSTRATIVE ADJECTIVES		RELATIVE
πόσος <i>how</i> <i>great.</i>	ποσός <i>of some</i> <i>size.</i>	(τόσος) τοσόςδε τοσουῦτος	} <i>so</i> <i>great.</i>	ὅσος } <i>as great</i> ὀπόσος } <i>as.</i>
ποῖος <i>of what</i> <i>kind.</i>	ποιός <i>of some</i> <i>kind.</i>	(τοῖος) τοιόςδε τοιουῦτος	} <i>of this</i> <i>kind.</i>	οἷος } <i>of such</i> ὀποῖος } <i>kind as.</i>
πηλίκος <i>of</i> <i>what age.</i>		τηλίκος τηλικόσδε τηλικουῦτος	} <i>of this</i> <i>age.</i>	ἡλίκος } <i>of such</i> ὀπηλίκος } <i>age as.</i>

## ADVERBS

ποῦ <i>where.</i>	ποῦ <i>somewhere.</i>		οὐ, ὅπου <i>where.</i>
πόθεν <i>whence.</i>	ποθέν <i>from</i> <i>some place.</i>	[τόθεν (poetic) <i>thence</i> ]	ὅθεν, ὀπόθεν <i>whence.</i>
ποῖ <i>whither.</i>	ποῖ <i>to some</i> <i>place.</i>		οἶ, ὅποι <i>whither.</i>
πότε <i>when.</i>	ποτέ <i>sometime.</i>	τότε <i>then.</i>	ὅτε, ὀπότε <i>when.</i>
πηνίκα <i>at</i> <i>what time.</i>		(τηνίκα) τηνικάδε τηνικαῦτα	} <i>at this</i> <i>time.</i>
πῇ <i>which way.</i>	πῇ <i>someway.</i>	τῇ-δε <i>this way.</i>	ἧ, ὅπη <i>which way.</i>
πῶς <i>how.</i>	πῶς <i>somehow.</i>	[τῶς (poetic) <i>thus.</i> ]	ὡς, ὅπως <i>as.</i>

1. Observe that some correlative forms are lacking, having been supplanted by other words. Thus, ἐνθάδε or ἐνταῦθα is the usual word for *here*; ὧδε and οὕτως *thus* have crowded out the earlier (Epic and poetic) τῶς.

NOTE.—The indefinite relative pronouns, adjectives, and adverbs may be made more indefinite by adding οὖν, δῆ, or δῆ ποτε· thus ὅστις οὖν (or ὅστισοῦν), ὅστις-δῆ-ποτε, or even ὅστις-δῆ-ποτ-οὖν *who-so-ever*.

## NUMERALS

152. The Greek numerals are as follows :

SIGN	CARDINAL	ORDINAL	ADVERB
1 α'	εἰς, μία, ἓν, <i>one</i>	πρῶτος, <i>first</i>	ἅπαξ, <i>once</i>
2 β'	δύο, <i>two</i>	δεύτερος, <i>second</i>	δίς, <i>twice</i>
3 γ'	τρεις, τρία	τρίτος	τρίς
4 δ'	τέτταρες, τέτταρα	τέταρτος	τετράκις
5 ε'	πέντε	πέμπτος	πεντάκις
6 ς'	ἕξ	έκτος	ἑξάκις
7 ζ'	ἐπτά	ἑβδομος	ἐπτάκις
8 η'	ὀκτώ	ὀγδοος	ὀκτάκις
9 θ'	ἐννέα	ἐνατος	ἐνάκις
10 ι'	δέκα	δέκατος	δεκάκις
11 ια'	ἐνδεκα	ἐνδέκατος	ἐνδεκάκις
12 ιβ'	δώδεκα	δωδέκατος	δωδεκάκις
13 ιγ'	τρεις καὶ δέκα (or τρεῖσκαίδεκα)	τρίτος καὶ δέκατος	etc.
14 ιδ'	τέτταρες καὶ δέκα (or τετταρεσκαίδεκα)	τέταρτος καὶ δέκατος	
15 ιε'	πεντεκαίδεκα	πέμπτος καὶ δέκατος	
16 ις'	ἑκκαίδεκα	έκτος καὶ δέκατος	
17 ιζ'	ἐπτακαίδεκα	ἑβδομος καὶ δέκατος	
18 ιη'	ὀκτωκαίδεκα	ὀγδοος καὶ δέκατος	
19 ιθ'	ἐννεακαίδεκα	ἐνατος καὶ δέκατος	
20 κ'	εἴκοσι(ν)	εἰκοστός	εἰκοσάκις
30 λ'	τριάκοντα	τριᾶκοστός	τριᾶκοντάκις
40 μ'	τετταράκοντα	τετταρακοστός	τετταρακοντάκις
50 ν'	πεντήκοντα	πεντηκοστός	πεντηκοντάκις
60 ξ'	ἑξήκοντα	ἑξηκοστός	ἑξηκοντάκις
70 ο'	ἑβδομήκοντα	ἑβδομηκοστός	ἑβδομηκοντάκις
80 π'	ὀγδοήκοντα	ὀγδοηκοστός	ὀγδοηκοντάκις
90 ρ'	ἐνενήκοντα	ἐνενηκοστός	ἐνενηκοντάκις
100 ρ'	ἐκατόν	ἐκατοστός	ἐκατοντάκις
200 σ'	διᾱκόσιοι, αι, α	διᾱκοσιοστός	διᾱκοσιάκις
300 τ'	τριᾱκόσιοι, αι, α	τριᾱκοσιοστός	etc.
400 υ'	τετρακόσιοι, αι, α	τετρακοσιοστός	
500 φ'	πεντακόσιοι, αι, α	πεντακοσιοστός	



SIGN	CARDINAL	ORDINAL	ADVERB
600	χ' ἑξακόσιοι, αι, α	ἑξακοσιοστός	
700	ψ' ἑπτακόσιοι, αι, α	ἑπτακοσιοστός	
800	ω' ὀκτακόσιοι, αι, α	ὀκτακοσιοστός	
900	Ϟ' ἑνακόσιοι, αι, α	ἑνακοσιοστός	
1000	,α χίλιοι, αι, α	χίλιοστός	χιλιάκις
2000	,β δισχίλιοι, αι, α	δισχίλιοστός	etc.
3000	,γ τρισχίλιοι, αι, α	τρισχίλιοστός	
10000	,ι μύριοι, αι, α	μῦριοστός	μῦριάκις
20000	,κ δισμύριοι		etc.
100000	,ρ δεκακισμύριοι		

153. For 21, 22, etc., 31, 32, etc., we have *εἰς καὶ εἴκοσι*, *εἴκοσι καὶ εἰς* or *εἴκοσιν εἰς*, etc. In the ordinals we have for 22d, etc., 32d, etc., *δεύτερος καὶ εἰκοστός* and *εἰκοστός καὶ δεύτερος*, etc., but for 21st, 31st, etc., always *εἰς καὶ εἰκοστός*, *εἰς καὶ τριακοστός*, etc.

154. The numbers 18, 19, 28, 29, 38, 39, etc., are commonly expressed by *ἐνὸς* (or *δυνὸν*) *δέοντες* (*wanting*) *εἴκοσι*, etc.: thus *ναυσὶ μιᾶς δεούσαις πεντήκοντα* with 49 ships.

155. Declension of Numerals. — The cardinal numbers from 5 to 100 inclusive are indeclinable. The cardinals from 200 upwards and all the ordinals are declined regu-

152 a. Homer has for *four* *τέσσαρες* (§ 22) and *πίσυρες* (Aeolic), and for *nine times* *ἐνάκις*.

b. Herodotus has *τέσσαρες* (4), *δωδέκα* (12), *τρίηκοντα* (30), *ὀγδώκοντα* (80), *διηκόσιοι* (200), *τρηκόσιοι* (300), and *εἵνατος*, *ἐνάκις* (Attic *ἐνατος*, *ἐνάκις*).

155 a. Beside the feminine *μία* Homer has also *ἑα*, *ἱῆς*, *ἱῆ*, *ἑαν*, and once the dat. sing. neut. *ἱῶ*. He uses *δύο*, or *δύω*, indeclinably, and he has also a longer adjective form, dual *δοιῶ*, plur. *δοιοί*, -αι, -ά, declined like the plural of *ἀγαθός* (§ 117).

b. Herodotus often uses *δύο* indeclinably. If declined, he has gen. *δυνῶν*, dat. *δυνόισι*.

larly like adjectives in -ος (§ 117). The cardinal numbers from 1 to 4 are declined as follows :

<i>one</i>			<i>two</i>		<i>three</i>		<i>four</i>	
N. εἷς	μία	ἓν	N.A. δύο		N. τρεῖς	τρία	τέτταρες	τέτταρα
G. ενός	μιάς	ένός	G.D. δυοῖν		G. τριῶν	τριῶν	τεττάρων	τεττάρων
D. ἐνί	μιᾷ	ἐνί	sometimes also used indeclinably		D. τρισί	τρिसί	τέτταρσι	τέτταρσι
A. ἓνα	μίαν	ἓν			A. τρεῖς	τρία	τέτταρας	τέτταρα

1. Like εἷς are declined οὐδεῖς and μηδεῖς *no one*. These are sometimes declined also in the plural: thus οὐδένες, οὐδένων, οὐδέσι, οὐδένας.

**156. Notation.** — Observe that in notation the letters of the alphabet (including the three obsolete letters, ς = ϙ vau (§ 2a), ϟ = Ϡ koppa, and ϡ sampi) are employed in order, the first nine for units, the second nine for tens, and the remaining nine for hundreds. For thousands the same characters are used again but with the stroke *under* the letter: thus *αυπα'* = 1481.

**NOTE.** — The books of Homer are usually numbered by using the letters of the ordinary alphabet consecutively, the capitals being employed for the Iliad and the small letters for the Odyssey. Thus, K stands for Book 10 of the Iliad, λ for Book 11 of the Odyssey.

## VERBS

**157.** The verb distinguishes in its inflection Voice, Mode, Person, Number, and Tense.

1. By its Voice it indicates whether the subject acts (active), acts for himself (middle), or is acted upon (passive).

2. By its Mode it indicates the manner in which the action is thought of: for example, as a fact or as a possibility.

3. By its Person it indicates whether its subject is the speaker, or some second person spoken to, or some third person or thing spoken of.

4. By its Number it indicates how many persons or things are concerned in its action.

5. By its Tense it indicates the time of the action.

## VOICE

**158.** The Greek verb has three voices, Active, Middle, and Passive (see § 236).

1. The passive voice has a separate form of inflection only in the aorist and future; elsewhere the middle form is used both for the middle and passive.

2. Many verbs, from their meaning, are used only in the active.

3. **Deponent Verbs.** — Likewise many verbs have only a middle (or passive) form. Such verbs are called Deponent. Those which have the middle form throughout are called Middle Deponents; those which have the passive form for the aorist (and future) are called Passive Deponents.

## MODE

**159.** Greek has four modes : the Indicative (the mode of fact), the Subjunctive and Optative (the modes of possibility), and the Imperative (the mode of command). These modes are called the Finite Modes.

1. Beside the four finite modes are the Infinitive and Participle, which are properly verbal nouns (although sometimes called modes). The infinitive represents the action of the verb as a substantive : thus *εἶναι* *to be, the act of being*. The participle represents the action of the verb as an adjective : thus *ὁ παρὼν καιρός* *the present occasion*.

2. To these must be added the Verbal Adjectives in *-τός* and *-τέος*, of which the former denotes what has been or may be done (thus *λυτός* *loosed* or *loosable*), and the latter, what needs doing (thus *λυτέος* *needing to be loosed*).

**160. Mode Suffix.** — The subjunctive and the optative have a special mode suffix. The subjunctive has a long vowel *-ω-* or *-η-* ; the optative has *-ι-* or *-ιη-*.

1. The use of *ω* or *η* is determined by the same rules as that of *ο* and *ε* (§ 169). The mode sign *-ιη-* is regularly used in the singular active of *-μι* verbs and contract verbs ; elsewhere *-ι-* is used. In the third plural of the optative *-ιε-* appears as the mode sign.

NOTE. — In the singular active of contract verbs *-ι-* very rarely is found as mode sign, while in classical Greek *-ιη-* was probably never used in the optative dual or plural of any verbs. (See also § 199, note, and § 233, note.)

2. Verbs whose stem ends in a vowel usually contract the mode suffix with the final vowel of the stem (§§ 170, 2–3 ; 200, 1 ; 211, 1–2 ; 233, 1–2).

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**160 a.** Homer often forms the subjunctive with a short vowel (*ο* or *ε*), especially in the aorist ; never, however, in the present of *-ω* verbs (§ 169).

## TENSE

**161.** Greek has seven tenses :

Present, Imperfect,  
Future, Aorist,  
Perfect, Pluperfect, Future Perfect.

**NOTE.**— The Greek aorist corresponds closely to the English past tense: thus *ἐποίησα* *did*. The other tenses correspond to the same tenses in English or Latin.

1. The tenses of the indicative are divided into :

(1) Primary (or Principal) tenses, expressing present or future time: the present, future, perfect, and future perfect.

(2) Secondary (or Past) tenses, expressing past time: the imperfect, aorist, and pluperfect.

## TENSE SYSTEMS

**162.** The various forms of the Greek verb group themselves into certain Tense Systems, each of which is formed on a common Tense Stem. The tense systems of the Greek verb are as follows :

the Present system	including the Present and Imperfect,
the Future system	“ Future Active and Middle,
the First Aorist system	“ 1st Aorist Active and Middle,
the Second Aorist system	“ 2d Aorist Active and Middle,
the First Perfect system	“ 1st Perf. and 1st Plup. Act.,
the Second Perfect system	“ 2d Perf. and 2d Plup. Act.,
the Perfect Middle system	“ Perf., Plup., and Fut. Perf. Mid.,
the First Passive system	“ 1st Aor. and 1st Fut. Pass.,
the Second Passive system	“ 2d Aor. and 2d Fut. Pass.

1. The tenses called *second* differ from the corresponding first tenses in form, but they usually have like meaning,

unless, as rarely happens, the same verb has both first and second forms of the same tense in use at the same time. (See § 207, note 3.)

2. **Principal Parts.** — The “principal parts” of a verb are the first person singular indicative of every system used in it. Thus,

παιδεύω *educate*, παιδεύσω, ἐπαίδευσα, πεπαίδευκα, πεπαίδεμαι, ἐπαιδεύθην. See § 236.

λείπω *leave*, λείψω, ἔλιπον, λέλοιπα, λέλειμμαι, ἐλείφθην.  
βούλομαι *wish*, βουλήσομαι, βεβούλημαι, ἐβουλήθην (passive deponent, § 158, 3).

γίγνομαι *become*, γενήσομαι, ἐγενόμην, γεγένημαι (middle deponent, § 158, 3).

**163. Theme.** — That part of the Greek verb which is common to all its forms is called the Theme (or by some the Verb Stem). From this theme the various tense-stems are formed: thus *κελεύω order*, theme *κελευ-*, present stem *κελευε-*, future stem *κελευσε-*, aorist stem *κελευσα-*, etc.

For the formation of the various tense-systems see §§ 186–234.

1. According as the verb theme ends in a *vowel*, a *mute*, or a *liquid* (§ 12), verbs are classed as Vowel Verbs, Mute Verbs, or Liquid Verbs.

**164. Irregular Verbs.** — Sometimes, when two or more verbs happen to coincide in meaning, each is used only in certain tenses, usually in such a way as to supplement each other.

Thus, *τρέχω run* is used only in the present system; in the other tenses another verb from the theme *δραμ-* corresponds in meaning to *τρέχω*; so *δραμοῦμαι shall run*, *ἔδραμον ran*, etc. In the same way, corresponding in

meaning to *ὁρῶ see* (theme *ὁρα-*), we have *ὄψομαι shall see* (theme *ὀπ-*), and *εἶδον saw* (theme *ἰδ-*). Such verbs are often called Irregular Verbs.

**165. Primitive and Denominative Verbs.** — A Primitive verb forms its tense stems from a root; a Denominative verb from a longer theme, originally a noun stem (§ 269).

Thus, *τίω* (root *τι-*) *give what is due* is a primitive verb, while *τιμῶ* (*-άω*) *honor* is a denominative verb, derived from a noun, *τίμη* *honor*.

NOTE. — Most primitive verbs have themes of one syllable. (See § 270, note.)

## PERSON AND NUMBER

**166.** There are three persons: First, Second, and Third.

The Greek verb, like the Greek noun, has three numbers (§ 74): Singular, Dual, and Plural.

In the inflection of the verb, the person and number are shown by certain endings, attached to the tense stem, which are called Personal Endings.

1. The active and the middle voice have each a different set of personal endings.

The passive voice has no endings of its own, but in the aorist it employs the ending of the active, and in the future those of the middle.

2. The indicative mood has two sets of endings in each voice, one for primary tenses and the other for secondary tenses (§ 161, 1).

3. The subjunctive mood employs the same endings as the primary tenses of the indicative.

4. The optative mood has the same endings as the secondary tenses of the indicative.



167. The forms of the personal endings may be seen from the following table:

	Active		Middle	
	INDICATIVE (primary tenses)	INDICATIVE (secondary tenses)	INDICATIVE (primary tenses)	INDICATIVE (secondary tenses)
	AND SUBJUNCTIVE	AND OPTATIVE	AND SUBJUNCTIVE	AND OPTATIVE
Sing. 1.	-μι	-ν	-μαι	-μην
2.	-ς (for -σι), -σθα, -θα	-ς, -σθα	-σαι	-σο
3.	-σι (for -τι)		-ται	-το
Dual 2.	-τον	-τον	-σθον	-σθον
3.	-τον	-την	-σθον	-σθην
Plur. 1.	-μεν (for -μες)	-μεν	-μεθα	-μεθα
2.	-τε	-τε	-σθε	-σθε
3.	-νσι (for -ντι)	-ν, -σαν	-νται	-ντο

	Active		Middle
		IMPERATIVE	
Sing. 2.	None or -θι		-σο
3.	-τω		-σθω
Dual 2.	-τον		-σθον
3.	-των		-σθων
Plur. 2.	-τε		-σθε
3.	-ντων		-σθων
		INFINITIVE	
	(-εναι) -εν, -ναι		-σθαι
		PARTICIPLE	
	-ντ- (perfect -οτ- and -οσ-)		-μενο-

For the declension of participles see §§ 129–131.

#### VERBALS

το- and -τεο-

NOTE 1. — For the first person dual the first person plural is almost always used. A special ending, -μεθον, in the middle, is rarely found.

NOTE 2. — The poets often have -μεσθα for -μεθα: thus *ἐλαυνόμεσθα* *we are being driven*.

NOTE 3. — The present third plural active of *-μι* verbs has the ending *-ανσι*: thus *τιθέ-ανσι* *they put* (for *\*τι-θε-ανσι*), *ἰστᾶσι* *they erect* (for *\*ἰ-στα-ανσι*).

NOTE 4. — An ending of the third plural imperative rarely found is *-τωσαν* (middle *-σθωσαν*): thus *ἴ-τωσαν* *let them go*. In later Greek this ending often occurs.

## INFLECTION

**168.** There are in Greek two slightly different ways of inflecting verbs, called respectively (from the ending of the first person singular active) the *-ω* form and the *-μι* form.

**169. The *-ω* Form of Inflection.** — In the *-ω* form of inflection the stem ends in the variable vowel *ε* (§ 14). Before *μ* or *ν*, and in the optative mode, *ο* is employed, elsewhere *ε*: thus *λύομεν* *we loose*, *λύετε* *you loose*, *λύοιμεν* optative; so also *λύουσι*, for *\*λύονσι*, *they loose*.

1. To the *-ω* form of inflection belong all futures and the present, the imperfect, and the second aorist with variable vowel (§ 210).

**167 a.** In Homer *-σθα* is more frequent than in Attic: thus *τιθη-σθα*, from *τιθημι* *put*; *φῆ-σθα*, from *φημί* *say*; so sometimes in the subjunctive: *ἐθέλη-σθα* (Attic *ἐθέλης*), from *ἐθέλω* *wish*.

**b.** Homer sometimes has *-τον* for *-την* and *-σθον* for *-σθην* in the third person dual of secondary tenses.

**c.** Homer often has *-ν* for *-σαν* as an ending of the third plural active, before which the preceding vowel is always short: thus *ἔβα-ν* *they went*, *ἔφα-ν* *they said*, *ἔτραφε-ν* *they were reared* (Attic *ἔβη-σαν*, *ἔφη-σαν*, *ἐτρέφη-σαν*).

**d.** Ionic often has the endings *-αται*, *-ατο*, for *-νται*, *-ντο* (cf. § 14, 2, note). In the optative these endings are always found; often in the perfect and pluperfect indicative, and sometimes in the present and imperfect of *-μι* verbs: thus *βουλοί-ατο* (Attic *βούλοι-ντο*), from *βούλωμαι* *wish*; *τετράφ-αται* (§ 226 a), from *τρέφω* *nourish*; *τιθέ-αται* (Attic *τίθε-νται*), from *τιθημι* *put*.

**e.** For an ending of the infinitive Homer has also *-μεναι* or (usually before vowels) *-μεν* (for the accent see § 185, 1 a): thus *πεμπέ-μεναι* or *πεμπέ-μεν*, as well as *πέμπειν* *to send*.

**170. The -μι Form of Inflection.** — In the -μι form of inflection (which is older than the -ω form) the endings are added directly to the stem without the variable vowel ε̄. The endings retain more nearly their original form than in the -ω form of inflection.

1. A final vowel of the stem usually has its long form in the singular of the indicative active; elsewhere the short form: thus τίθη-μι *I put*, τίθε-μεν *we put*; ἵστη-μι *I cause to stand*, ἵστα-μεν *we cause to stand*.

2. In the subjunctive a final α, ε, or ο of the stem is contracted with the mode suffix: thus τιθῶ, τιθῆς, etc., for τιθέω, τιθέης. In contraction, αη (αῆ) gives η (ῆ) and οη gives ω (ῶ) (contrary to § 18, 6 and § 19, 2): thus ἵστανται for ἱστάηται and διδῶς for διδόης.

3. In the optative the ι of the mode suffix contracts with the final vowel of the stem (§ 160, 2): thus τιθείην, τιθεῖμεν, from τίθημι *put*.

4. In a few forms -μι verbs have the inflection of contract verbs in -έω or -όω: thus regularly impf. act. ἐδίδουν, ἐδίδους, ἐδίδου, from δίδωμι *give*, and ἐτίθεις, ἐτίθει, from τίθημι *put*; so also impv. δίδου, τίθει. Sometimes also 2d sing. τιθείς, and opt. τιθοῖτο, τιθοῖντο, θοῖτο.

#### NOTES ON THE PERSONAL ENDINGS

**NOTE 1. Primary Endings of the Active.** — The endings -μι and -σι (for -τι) are found only in -μι verbs. In tenses of the -ω inflection the first person singular active of primary tenses ends in -ω (λύω *loose*).

**170 a.** Homer often retains the endings -μι (1st per.) and -σι (3d per.) in the subjunctive: thus ἐθέλωμι, ἐθέλῃσι (Attic ἐθέλω, ἐθέλῃ), from ἐθέλω *wish*.

**b.** In the third plural Homer often has -ν for -σαν (§ 167 c); the preceding vowel is always short: thus ξύν-ιεν-ν *they gave heed*, ἔφα-ν *they said* (Attic ξυν-ιεν-σαν, ἔφη-σαν).

**170, 4 a.** In Ionic, -μι verbs follow the contract system of inflection in a few more forms than in Attic: thus διδοῖς, διδοῖ, τιθεῖ, ἔει.

The second person singular was probably originally \**λῦε-σι*, which became \**λῦει* (§ 37), and later -*ς* was added from the secondary tenses, making *λύεις*, to distinguish this form from the third singular *λύει*. for *λῦε-σι* (originally \**λῦε-τι*, § 37).

In -*νσι*, the primary ending of the third person plural active, *ν* is regularly dropped before *σ* (§ 34), and the preceding vowel is lengthened: thus *λύονσι* *they loose* is for \**λῦο-νσι* (-*ντι*), *λελύκάσι* *they have loosed* is for \**λε-λυκα-νσι*, *τιθέασι* *they put* is for \**τιθε-ανσι* (§ 167, note 3).

In the second singular of the imperative an ending -*ς* is sometimes found: thus *σχές* from *ἔχω* *have*, *δός* from *δίδωμι*, *give*.

NOTE 2. **Secondary Endings of the Active.**—Of the secondary endings, -*ν* (3d plural) belongs regularly to the -*ω* form of inflection, and -*σαν* to the -*μ* form. The first person singular active of the optative mode uses the primary ending -*μ* when the mode sign is -*ι* (§ 160, 1): thus *λύοιμ*, *λύσαιμ*.

NOTE 3. **The Endings of the Middle.**—In the endings -*σαι* and -*σο* of the second person singular middle the *σ* is regularly dropped (§ 37), and the vowels contracted. Thus, from *λύω* *loose* we have pres. indic. *λύῃ* or *λύει* (for \**λύε-σαι*), pres. subj. *λύῃ* (for \**λῦῃ-σαι*), imperf. indic. *ἐλύου* (for \**ἐλῦε-σο*), aor. indic. *ἐλύσω* (for \**ἐλῦσα-σο*).

In the optative the *σ* is dropped, but the vowels do not contract: thus *λύου-ο* for \**λῦου-σο*. In the present and imperfect of the -*μ* verbs, the *σ* of these endings is usually retained: thus *τίθε-σαι*, *ἐτίθε-σο*, from *τίθημι* *put*.

NOTE 4.—If we place side by side the presents indicative of early Greek (Doric) *φᾶ-μί* (Attic *φη-μί*) *say* and Latin *inquā*, we shall see how closely the present endings of Greek and Latin agree.

	SINGULAR		PLURAL
1.	<i>φᾶ-μί</i> <i>inquā-m</i>	<i>φα-μές</i>	<i>inqui-mus</i>
2.	<i>φᾶ-σί</i> <i>inqui-s</i>	<i>φα-τέ</i>	<i>inqui-tis</i>
3.	<i>φᾶ-τί</i> <i>inqui-t</i>	<i>φα-ντί</i>	<i>inqui-unt</i>

170 c. (note 3). In Ionic the second person middle drops the *σ* of the ending, but the vowels usually remain uncontracted: thus *λύσσαι*, *ἐλύεο*, *ἐλύσας*, etc., from *λύω* *loose*. Herodotus contracts -*ηαι* to -*η*, and sometimes -*εο* to -*ευ*: thus *πειθῃ* (2d pers. subj. mid.), from *πείθω* *persuade*; *ἀνέχεν* (impv. mid.), from *ἀνέχω* *hold up*.

## AUGMENT

**171.** The augment is the sign of past time. It belongs therefore only to the past or secondary tenses of the indicative; namely, imperfect, aorist, and pluperfect. The augment has two forms, Syllabic and Temporal.

**172. Syllabic Augment.** — Verbs beginning with a consonant augment by prefixing  $\epsilon$ -. Such augment is called *syllabic*, since it increases the number of syllables in the word: thus  $\lambda\acute{\upsilon}\omega$  *loose*, imperf.  $\epsilon\text{-}\lambda\acute{\upsilon}\omega\nu$  *was loosening*;  $\gamma\rho\acute{\alpha}\phi\omega$  *write*, aor.  $\epsilon\text{-}\gamma\rho\alpha\psi\alpha$  *wrote*; pluperf.  $\epsilon\text{-}\gamma\epsilon\text{-}\gamma\rho\acute{\alpha}\phi\eta$  *had written*.

1. Words beginning with  $\rho$  double it after the augment (§ 23): thus  $\epsilon\text{-}\rho\rho\acute{\iota}\pi\tau\omega\nu$ , imperfect of  $\rho\acute{\iota}\pi\tau\omega$  *throw*.

2. A few verbs which originally began with a consonant, but which now begin with a vowel, still have syllabic augment. The most common of these are:

$\acute{\alpha}\gamma\nu\bar{\nu}\mu\iota$ <i>break</i> , aor. $\epsilon\acute{\alpha}\xi\alpha$	(for $*\epsilon\text{-}\phi\alpha\xi\alpha$ ).
$\acute{\alpha}\nu\delta\acute{\alpha}\nu\omega$ <i>please</i> , aor. $\epsilon\acute{\alpha}\delta\omega\nu$	(for $*\epsilon\text{-}\sigma\phi\alpha\delta\omega\nu$ ).
$\acute{\alpha}\nu\text{-}\acute{\omicron}\acute{\iota}\gamma\omega$ <i>open</i> , imperf. $\acute{\alpha}\nu\text{-}\acute{\epsilon}\phi\omega\gamma\omega\nu$	(for $*\acute{\alpha}\nu\text{-}\epsilon\text{-}\phi\omega\gamma\omega\nu$ ).
$\acute{\epsilon}\bar{\omega}$ ( $\text{-}\acute{\alpha}\omega$ ) <i>permit</i> , imperf. $\epsilon\acute{\iota}\omega\nu$	(for $*\epsilon\text{-}\sigma\epsilon\phi\alpha\omega\nu?$ ).
$\acute{\epsilon}\theta\acute{\iota}\zeta\omega$ <i>accustom</i> , imperf. $\epsilon\acute{\iota}\theta\iota\zeta\omega\nu$	(for $*\epsilon\text{-}\sigma\phi\epsilon\theta\iota\zeta\omega\nu$ ).
$\acute{\epsilon}\lambda\acute{\iota}\tau\tau\omega$ <i>roll</i> , aor. $\epsilon\acute{\iota}\lambda\iota\xi\alpha$	(for $*\epsilon\text{-}\phi\epsilon\lambda\iota\xi\alpha$ ).
$\acute{\epsilon}\lambda\kappa\omega$ <i>draw</i> , imperf. $\epsilon\acute{\iota}\lambda\kappa\omega\nu$	(for $*\epsilon\text{-}\sigma\epsilon\lambda\kappa\omega\nu$ ).
$\acute{\epsilon}\pi\omicron\mu\alpha\iota$ <i>follow</i> , imperf. $\epsilon\acute{\iota}\pi\acute{\omicron}\mu\eta\nu$	(for $*\epsilon\text{-}\sigma\epsilon\pi\omicron\mu\eta\nu$ ).
$\acute{\epsilon}\rho\gamma\acute{\alpha}\zeta\omicron\mu\alpha\iota$ <i>work</i> , imperf. $\epsilon\acute{\iota}\rho\gamma\alpha\zeta\acute{\omicron}\mu\eta\nu$	(for $*\epsilon\text{-}\phi\epsilon\rho\gamma\alpha\zeta\omicron\mu\eta\nu$ ).
$\acute{\epsilon}\rho\pi\omega$ <i>creep</i> , imperf. $\epsilon\acute{\iota}\rho\pi\omega\nu$	(for $*\epsilon\text{-}\sigma\epsilon\rho\pi\omega\nu$ ).

**171 a.** In Homer and in lyric poetry the augment is often omitted: thus  $\beta\eta\nu$  *went*,  $\epsilon\lambda\alpha\sigma\epsilon$  *drove*,  $\epsilon\chi\epsilon$  *held* (Attic  $\epsilon\beta\eta\nu$ ,  $\eta\lambda\alpha\sigma\epsilon$ ,  $\epsilon\acute{\iota}\chi\epsilon$ ).

**b.** In Herodotus the temporal augment is often omitted; the syllabic augment only in the pluperfect and in iteratives (§ 191 b).

**172, 1 a.** In Homer other liquids besides  $\rho$  may be doubled after the syllabic augment: thus  $\epsilon\lambda\lambda\alpha\beta\epsilon$  *took*,  $\epsilon\mu\mu\alpha\theta\epsilon$  *learned* (cf. § 22 a).

ἐστιῶ (-άω), <i>entertain</i> , impf. εἰστίων (for *ἐ-φεςτιαον).	
ἔχω <i>have, hold</i> , impf. εἶχον (for *ἐ-σεχον).	
ἵημι <i>let go</i> , aor. (dual) εἶπον (for *ἐ-σε-τον).	
ὁρῶ (-άω) <i>see</i> , impf. ἑώρων (for *ἐ-φοραον).	
ὠθῶ (-έω) <i>push</i> , impf. ἐώθουν (for *ἐ-φωθεον).	
ὠνούμαι (-έομαι) <i>buy</i> , impf. ἐωνούμην (for *ἐ-φωνεομην).	
(έλ-) <i>take</i> , aor. εἶλον (for *ἐ-φελον?).	
(ἐδ-) <i>seat</i> , aor. εἶσα (§ 30) (for *ἐ-σεδ-σα).	
(ιδ-) <i>see</i> , aor. εἶδον (for *ἐ-φιδον).	

NOTE 1. — Observe that ὁρῶ (-άω) and ἀνοίγω, in addition to the syllabic augment, lengthen the first vowel of the stem.

NOTE 2. — The consonants at the beginning of most of these words may still be seen in other languages. For example, with ἐθίζω, ἔλκω, ἔπομαι, ἐδ-, ιδ-, may be compared Latin *suesco, sulcus, sequor, sedeo, video*.

**173. Temporal Augment.** — Verbs beginning with a vowel augment by lengthening the first vowel. Such augment is called *temporal*, since it usually increases the time occupied in pronouncing the syllable: thus ἤλαυνον, imperf. from ἐλαύνω *drive*; ὥμοσα, aor. from ὀμνῶμι *swear*; ἱκέτεον, imperf. from ἰκετεύω *supplicate*. The vowels *a* and *ā* become *η*: thus ἦγον, imperf. from ἄγω *lead*; ἦθλουν, imperf. from ἄθλῶ (-έω) *contend*. The other long vowels remain unchanged: thus ἠγούμην, imperf. from ἡγοῦμαι (-έομαι) *lead*.

1. Diphthongs lengthen the first vowel: thus ἦσθάνομην, imperf. from αἰσθάνομαι *perceive*; ἦκαζον, imperf. from εἰκάζω *guess*; ὤκτιρον, imperf. from οἰκτίρω *pity*; ἠῦρισκον, imperf. from εὕρισκω *find*. But *ou-*, and *ei-* when it is an apparent diphthong (§ 6, 3), remain unchanged: thus οὔταζον, imperf. of οὔτάζω *wound*, εἶκον, imperf. of εἶκω *yield*.

**174. Augment of Compound Verbs.** — Verbs compounded with a preposition take their augment after the preposition: thus εἰς-έφερον impf. of εἰς-φέρω *bring in*; προσ-ἦγον impf. of προσ-άγω *lead to* (see § 44, 3).

1. But sometimes compounds, of which the simple verb is not commonly used, are augmented at the beginning, as if they were not compounds at all: thus ἡμφίεσα, aor. of ἀμφι-έννυμι *clothe*: so often ἐκαθήμην, impf. of κάθ-ημαι *sit*.

**175. Denominative verbs formed from nouns already compounded take their augment at the beginning.** Thus, the imperfect of οἰκοδομῶ (-έω) *build* (from οἰκο-δόμος *house-builder*) is ὠκοδόμουν; the imperfect of ἐναντιοῦμαι (-όομαι) *oppose* (from ἐναντίος *opposite*) is ἠναντιούμην.

1. But since there are so many verbs compounded with prepositions, some confusion arises in the case of verbs derived from compound nouns whose first part is a preposition. Thus, the imperfect of ἐπιστατῶ (-έω) *oversee* is ἐπεστάτουν, and of κατηγορῶ (-έω) *accuse* is κατηγορόουν, although both of these are denominative verbs, derived respectively from ἐπιστάτης *overseer* and κατήγορος *accuser*.

NOTE. — A few verbs even have two augments, one before and one after the preposition: thus ἀν-έχομαι *endure*, imperfect ἠν-ειχόμεν.

**176. Augment of the Pluperfect.** — The pluperfect takes no augment except the syllabic: thus ἐ-λελύκη (perf. λέλυκα), pluperfect of λύω *loose*. When the perfect stem begins with a vowel, the pluperfect has no augment: thus ἐστάλκη (perf. ἔσταλκα), pluperfect of στέλλω *send*; εἰλήφη (perf. εἴληφα), from λαμβάνω *take*; ὠφελήκη (perf. ὠφέληκα), from ὠφελῶ (-έω) *help*.

NOTE. — But verbs with “Attic Reduplication” (§ 179) regularly take augment in the pluperfect: thus ἠκηκόη, plur. of ἀκήκοα *have heard*.



## REDUPLICATION

177. Reduplication belongs regularly to the perfect system (including the pluperfect and future perfect), where it denotes completed action. It is sometimes found in the present and the second aorist systems. It consists in doubling the sound at the beginning of the word.

178. **Reduplication of the Perfect.** — In the perfect, verbs beginning with a consonant repeat that consonant with  $\epsilon$ : thus  $\lambdaύ\omega$  *loose*, perf.  $\lambdaέ\lambdaυκα$ . A rough mute in reduplication is changed to the corresponding smooth (§ 40): thus  $\thetaύ\omega$  *sacrifice*, perf.  $\tauέ\thetaυκα$ .

1. In verbs beginning with two consonants (except a mute and a liquid), a double consonant, or  $\rho$ , the reduplication consists of  $\epsilon$ - merely: thus  $\xi\psiευσμαι$ , perf. of  $\psiεύδομαι$  *lie*;  $\xiσταλκα$ , perf. of  $\sigmaτέλλω$  *send*;  $\xiρριφα$  (§ 23), perf. of  $\rhoίπτω$  *throw*; but  $\gammaέ\gammaραφα$ , perf. of  $\gammaράφω$  *write*.

NOTE. — But  $\gammaν$ - is usually reduplicated in the perfect by means of  $\epsilon$ : thus  $\xi\gammaνωκα$ , perf. of  $\gammaινώσκω$  *know*.

2. Five verbs reduplicate with  $\epsilon\iota$ -. These are:

$\lambdaαμβάνω$ <i>take</i> ,	perf. $\epsilonἵ\lambdaηφα$ .
$\lambdaαγχάνω$ <i>get by lot</i> ,	“ $\epsilonἵ\lambdaηχα$ .
$\lambdaέγω$ (only in composition) <i>collect</i> ,	“ $\epsilonἵ\lambdaοχα$ .
( $\muερ$ -)	“ $\epsilonἵ\muαρται$ <i>it is fated</i> .
( $\epsilonρ$ -, $\rhoῆ$ -) <i>say</i>	“ $\epsilonἵ\rηκα$ .

NOTE. — The explanation of this reduplication is very uncertain. See, however,  $\epsilonἶρω$  and  $\muείρομαι$  in the Verb List, § 729.

3. Verbs beginning with a short vowel reduplicate by lengthening the vowel; a diphthong lengthens the first vowel; a long vowel remains unchanged: thus  $\hat{\eta}\chiα$ , perf.

of ἄγω *lead*; ἦρηκα, of αἶρω (-έω) *take*; ὠφέληκα, of ὠφελῶ (-έω) *help*.

**179. 'Attic Reduplication.'** — A few verbs beginning with *a*, *e*, or *o*, followed by a single consonant, reduplicate by repeating the first vowel and consonant, and lengthening the first vowel of the theme: thus ἄλ-ήλιφα, ἄλ-ήλιμμαι, perf. of ἀλείφω *anoint*; ἐλ-ήλακα, ἐλ-ήλαμαι, of ἐλαύνω *drive*; ὀρ-ώρυχα, ὀρ-ώρυγμαι, of ὀρύττω *dig*.

**180. Reduplication with ε- before a Vowel.** — The apparently vowel verbs, mentioned in § 172, 2, which originally began with a consonant reduplicate regularly, but the disappearance of the consonant leaves only *ε-* (which is often contracted with the following vowel): thus ἔαγα (originally \*φε-φαγα), perf. of ἄγνυμι *break*; εἶκα (for \*σε-σεκα), perf. of ἵημι *send*, etc.

**181. Reduplication of Compound Verbs.** — In compound verbs, and in verbs derived from compound nouns, the reduplication has the same place as the augment (§§ 174–175): thus ἀπο-κέ-κρικα, perf. of ἀπο-κρίνω *separate*; κε-χειροτόνηκα, perf. of χειρο-τονῶ (-έω) *elect*.

**182. Reduplication of the Present.** — A few verbs reduplicate in the present (§§ 193, 3; 197, 1) by repeating the first consonant with *ι*: thus γι-γνώσκω *know*, τί-θημι *put*.

**183. Reduplication of the Second Aorist.** — Sometimes in Attic (often in Homer) the second aorist is formed by reduplication. See § 208, 1 and a.

**179 a.** In Homer the "Attic" reduplication is found in more verbs than in Attic, sometimes without lengthening the first vowel of the theme: thus ἐρ-έριπτο, from ἐρείπω *overthrow* (§ 219, note 2). Cf. in Attic ἡγαγον (infin. ἀγ-αγεῖν), 2d aor. of ἄγω *lead*.

## ACCENT OF THE VERB

**184.** The accent of verbs (both simple and compound) is regularly *recessive* (§ 64).

1. But in compound verbs the written accent cannot recede beyond the augment: thus *πάρειμι* *be present*, *παρῆ* *was present*.

**185.** Infinitives, participles, and verbal adjectives, since they are in reality nouns (§ 159, 1 and 2), do not come under the rule of accent for verbs.

1. The accent of the infinitive and participle in each tense and voice must usually be learned by observation: but present and future infinitives and participles of the *-ω* form (§ 169, 1) are recessive in accent, and all infinitives in *-ναι* take their written accent on the penult.

2. The verbal adjective in *-τός* takes its written accent on the final syllable: thus *λυτός*, *λυτή*, *λυτόν* *loosed*, gen. *λυτοῦ*, etc. The verbal adjective in *-τέος* always has the acute accent on the penult: thus *λυτέος*, *λυτέᾱ*, *λυτέον* *needing to be loosed*, gen. *λυτέου*, etc.

NOTE. — Contract verbs (§ 199) are not an exception to the rule of § 184, since their accent in the uncontracted form was recessive. Some other apparent exceptions in accent are to be explained by contraction. See §§ 200, 1; 210, 1-2; 233, 1-2.

## FORMATION OF TENSE STEMS

**186.** The various tense stems are formed from the theme by means of a tense suffix (or prefix, sometimes both). In primitive verbs (§ 165) we usually find also a variation

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**185, 1 a.** The epic infinitive in *-μεναι* or *-μεν* (§ 167 e) always has its written accent on the syllable preceding the ending: thus *δόμεναι* *to give*, *ἀγέμεν* *to lead*.

in the vowel of the theme (§§ 13–14): thus pres. *τήκ-ω* *melt*, aor. pass. *ἐ-τάκ-ην*; *πέτ-ομαι* *fly*, 2d aor. *ἐ-πτ-όμην*; *λείπ-ω* *leave*, perf. *λέ-λοιπ-α*, 2d aor. *ἔ-λιπ-ον*.

1. Verbs which show a variation between long and short vowels (§ 13) usually have the short vowel in the second aorist; elsewhere the long form: thus *τήκ-ω*, *τήξω*, etc. *melt*, but 2d aor. pass. *ἐ-τάκ-ην*.

2. Verbs which show the vowel variation *ο*, *ε*,<sup>(a)</sup> (§ 14) regularly have in the second aorist, and often in the perfect middle (cf. § 224, note), the form with no vowel or with *α* (§ 14, 1), in the second perfect the form with *ο*, and elsewhere the form with *ε*. Examples are:

PRESENT	FUTURE	2D PERFECT	2D AORIST
<i>κλέπ-τω</i> <i>steal</i>	<i>κλέψω</i>	<i>κέ-κλοφ-α</i>	<i>ἐ-κλάπ-ην</i>
(ἀπο-) <i>κτείνω</i> <i>kill</i> (for * <i>κτεν-ω</i> , § 39, 4)	<i>κτεν-ῶ</i>	<i>ἔ-κτον-α</i> (Epic)	<i>ἔ-κταν-ον</i>
<i>λείπω</i> <i>leave</i> (§ 14, 2)	<i>λείψω</i>	<i>λέ-λοιπ-α</i>	<i>ἔ-λιπ-ον</i>
<i>φθείρω</i> <i>destroy</i> (for * <i>φθερ-ω</i> , § 39, 4)	<i>φθερ-ῶ</i>	<i>ἔ-φθορ-α</i>	<i>ἐ-φθάρ-ην</i>
		PERFECT MIDDLE	
		<i>ἔ-φθαρ-μαι</i>	

**187. Vowel Verbs.**—In most verbs whose theme ends in a vowel, this vowel is long outside of the present system. After *ε*, *ι*, or *ρ*, an *α* becomes *ᾱ*, otherwise *η* (§ 15): thus *τιμῶ* (*-ᾱ*) *honor*, *τιμήσω*, *ἐτίμησα*, *τε-τίμηκα*, *τε-τίμημαι*, *ἐτίμηθην*; *φιλῶ* (*-έω*) *love*, *φιλήσω*, *ἐφίλησα*, etc.; *δηλῶ* (*-όω*) *show*, *δηλώσω*, *ἐδήλωσα*, etc.; *ἐῶ* (*-ᾱ*) *permit*, *ἔᾱσω*, etc.; *δρῶ* (*-ᾱ*) *do*, *δράσω*, etc.

**188.** But some apparently vowel verbs had originally themes ending in a consonant. Such verbs naturally pre-

serve the short vowel throughout all their tenses, and, by analogy, some real vowel verbs do the same: thus *τελῶ* (-έω, for \**τελεσ-ιω*, cf. *τέλος end*) *finish*, fut. *τελῶ*, aor. *έτέλεσα*, perf. *τε-τέλεκα*, etc.: *γελῶ* (-άω), *γελάσσομαι*, *έγέλασα*.

1. A few verbs have the short vowel only in certain tenses: thus *αίρῶ* (-έω), *αίρήσω*, etc., but aor. pass. *ήρέθην*.

**189.** Most verbs which keep the short vowel in all their tenses (§ 188), and, by analogy, some others, have in the perfect middle and aorist passive (and verbals, § 235) a *σ* at the end of the theme: thus *τελῶ* (-έω) *finish*, perf. mid. *τετέλεσ-μαι*, aor. pass. *έτελέσ-θην*: so also *ἀκούω hear* has *ήκουσμαι* and *ήκούσθην*: *κελεύω order* has *κεκέλευσμαι* and *έκελεύσθην*.

NOTE. — As most of these verbs originally had themes ending in *σ* or a lingual mute (§§ 26; 27, 3), there is nothing strange about the *σ* in the perfect middle and aorist passive.

**190. ε in Tense Formation.** — Some verbs vary between themes with *ε* (*η*) and themes without *ε* (*η*). Usually both themes are not found together in the same tense, but even this sometimes happens: thus *βούλομαι* (*βουλ-*) *wish*, fut. *βουλήσομαι* (*βουλε-*), aor. *έβουλήθην*: *μένω* (*μεν-*) *remain*, perf. *μεμένηκα* (*μενε-*): *αἰσθάνομαι* (*αἰσθ-*) *perceive*, fut. *αἰσθήσομαι* (*αἰσθε-*), aor. *ήσθόμην* (*αἰσθ-*): *δοκῶ* (-έω) (*δοκε-*), fut. *δόξω* (*δοκ-*). No rules in this matter can be laid down, but the eccentricities of such verbs may be learned from the Verb List, § 729.

**191 a. θ in Tense Formation.** — In Homer, and sometimes in the Attic poets (very rarely in prose), a few verbs have forms from a present (or aorist) stem made with the suffix *-θ-* (-εθ<sup>2</sup> or -αθ<sup>2</sup>): thus *έ-διώκ-αθο-ν* (*διώκω pursue*), *μετ-ε-κίτ-αθο-ν* (*κίω go*), *φλεγ-έθω* (*φλέγω burn*), *ξ-σχ-εθο-ν* (*έχω hold*).

**191 b. Iterative Forms.** — In Homer and Herodotus iterative forms

## THE PRESENT SYSTEM

## (PRESENT AND IMPERFECT)

**192.** Verbs may be divided into five classes, according to the way in which they form their present stem. These classes are: (1) the simple class, (2) the  $\tau$  class, (3) the  $\iota$  class, (4) the  $\nu$  class, (5) the  $\sigma\kappa$  class.

**193. The Simple Class.** — The simple class employs for the present stem the simple theme, with or without the variable vowel (§ 169). Verbs with the variable vowel show  $-\omega$  in the first person singular of the present indicative active: thus λέγω (theme λεγ-, present stem λεγ $^{\omega}$ -). Verbs without the variable vowel are  $-\mu$  verbs (§ 170): thus φημί *say* (theme φη-, φ $a$ -, present stem φη-, φ $a$ -).

1. Primitive verbs whose themes show the interchange of long and short vowels (§ 13) usually have in the present the form with the long vowel (§ 186, 1): thus τήκω *melt* (theme τηκ- and τακ-), λύω *loose* (theme λῡ-, λυ-). The  $-\mu$  verbs, however, have the long vowel only in the singular of the indicative active (see § 170, 1).

2. Primitive verbs whose themes show the vowel variation  $o, \epsilon(\alpha)$  (§ 14), usually have in the present the form with  $\epsilon$  (or  $\epsilon\iota$  or  $\epsilon\nu$ , § 14, 2): thus πέμπω *send* (theme πεμπ-, πομπ-, present stem πεμπ $^{\epsilon}$ -),λείπω *leave* (theme λοιπ-, λειπ-, λιπ-, present stem λειπ $^{\epsilon}$ -), φεύγω *flee* (theme φευγ-, φυγ-, present stem φευγ $^{\epsilon}$ -). See § 186, 2.

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of the imperfect and aorist are found, to denote a *repeated* past action. They are formed by adding the iterative suffix  $-\sigma\kappa\omega$  to the tense stem of the imperfect or aorist: thus μένε- $\sigma\kappa\omega$ -ν *kept remaining* (μένω *remain*), ποιέε- $\sigma\kappa\omega$ -ν *kept doing* (ποιῶ (-έω) *do*), φύγε- $\sigma\kappa\omega$ -ν *used to flee*, aorist (φεύγω *flee*). These forms are inflected like the imperfect, and seldom have an augment (§ 171 a-b).

NOTE. — Here belong also the verbs *πλέω sail*, *χέω pour*, *θέω run*, *νέω swim*, *πνέω breathe*, *ῥέω flow*, whose themes end in *-ευ-* (for *\*πλευ-ω*, *\*χευ-ω*, etc. See § 21).

3. A few verbs, mostly *-μι* verbs, have reduplication in the present system (§ 182): thus *τί-θημι (θε-, θη-) put*, *γί-γνομαι (γυν-, γεν-, γν-) become*. (Cf. Latin *gí-gmo*.)

**194. The τ Class.** — Some verbs, with stems in *π*, *β*, or *φ*, form the present tense stem by adding *-τ<sub>ε</sub>-* to the theme (cf. Latin *flec-to*): thus *τύπ-τω strike* (theme *τυπ-*, present stem *τυπτ<sub>ε</sub>-*), *καλύπ-τω cover* (theme *καλυβ-*, § 25), *σκάπ-τω dig* (theme *σκαφ-*, § 25).

**195. The ι Class.** — Many mute and liquid verbs form their present stem by adding the suffix *-ι<sub>ε</sub>-* to the theme (cf. Latin *fac-iō*), but this suffix almost always combines in some way with the preceding letters. See § 39, and cf. § 292.

1. With *κ*, *χ*, *τ*, *θ*, the *ι* unites to form *ττ* (Ionic *σσ*, § 22): thus *κηρύττω proclaim* (theme *κηρῦκ-*, present stem *κηρῦτ<sub>ε</sub>-*) for *\*κηρῦκ-ιω*: *ταράττω disturb* (theme *ταραχ-*) for *\*ταραχ-ιω*. (See § 39, 1.)

2. With *γ* and *δ* the *ι* unites to form *ζ* (§ 39, 2): thus *σφάζω slay* (theme *σφαγ-*) for *\*σφαγ-ιω*: *παίζω play* (theme *παιδ-*) for *\*παιδ-ιω*.

NOTE 1. — Themes in *-γγ-* lose the first *γ*: thus *κλάζω* (theme *κλαγγ-*) for *\*κλαγγ-ιω*.

NOTE 2. — In a number of verbs *γ-ι* seems to combine into *ττ*: thus *τάττω arrange* (theme *ταγ-*, cf. *ταγ-ός commander*), but a good many of these words can be shown to have had parallel themes in *-κ-*, and these probably influenced the rest.

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**195, 2 a.** This form of the present in *-ζ-* sometimes gives rise to uncertainty about the aorist and future. In Homer verbs in *-ζω* not infrequently have *ξ* in the aorist and future: thus *πολεμίζω (πολεμιδ-)*, *πολεμιξω, ἐπολέμιξα*.



3. With  $\lambda$  the  $\iota$  assimilates to form  $\lambda\lambda$  (§ 39, 3): thus  $\acute{\alpha}\gamma\gamma\acute{\epsilon}\lambda\lambda\omega$  (theme  $\acute{\alpha}\gamma\gamma\epsilon\lambda$ -) for  $^{*}\acute{\alpha}\gamma\gamma\epsilon\lambda$ - $\iota\omega$ .

4. With  $\nu$  and  $\rho$  the  $\iota$  goes over to the preceding vowel and unites with it by contraction (§ 39, 4): thus  $\phi\alpha\acute{\iota}\nu\omega$  *show* (theme  $\phi\alpha\nu$ -) for  $^{*}\phi\alpha\nu$ - $\iota\omega$ :  $\kappa\rho\acute{\iota}\nu\omega$  *distinguish* (theme  $\kappa\rho\nu$ -) for  $^{*}\kappa\rho\nu$ - $\iota\omega$ :  $\sigma\pi\epsilon\acute{\iota}\rho\omega$  *soar* (theme  $\sigma\pi\epsilon\rho$ -) for  $^{*}\sigma\pi\epsilon\rho$ - $\iota\omega$ .

NOTE.—A few apparently vowel verbs form their present with this suffix: thus  $\kappa\alpha\acute{\iota}\omega$  (for  $^{*}\kappa\alpha\phi$ - $\iota\omega$ , theme  $\kappa\alpha\nu$ -, § 21) *burn*,  $\kappa\lambda\alpha\acute{\iota}\omega$  (for  $^{*}\kappa\lambda\alpha\phi$ - $\iota\omega$ , theme  $\kappa\lambda\alpha\nu$ -, § 21) *weep*.

**196. The  $\nu$  Class.**—A number of verbs form their present stem by adding to the theme a suffix containing  $\nu$  (cf. Latin *cer-n-o*).

1. Suffix  $-\nu\epsilon^{\circ}$ .—Some verbs add  $\nu\epsilon^{\circ}$  alone: thus  $\tau\acute{\epsilon}\mu$ - $\nu\omega$  *cut* (theme  $\tau\epsilon\mu$ -).

2. Suffix  $-\alpha\nu\epsilon^{\circ}$ .—A good many verbs add  $-\alpha\nu\epsilon^{\circ}$ : thus  $\alpha\acute{\iota}\sigma\theta$ - $\acute{\alpha}\nu\omicron\mu\alpha\iota$  *perceive* (theme  $\alpha\acute{\iota}\sigma\theta$ -).

If the last syllable of the theme is short, a sympathetic nasal ( $\nu$  with a lingual,  $\mu$  with a labial,  $\gamma$  with a palatal) appears in the theme: thus  $\mu\alpha\nu\theta$ - $\acute{\alpha}\nu\omega$  *learn* (theme  $\mu\alpha\theta$ -),  $\lambda\alpha\mu\beta$ - $\acute{\alpha}\nu\omega$  *take* (theme  $\lambda\alpha\beta$ -),  $\lambda\alpha\gamma\chi$ - $\acute{\alpha}\nu\omega$  *get by lot* (theme  $\lambda\alpha\chi$ -).

3. Suffix  $-\nu\alpha$ -,  $-\nu\eta$ - (§ 170, 1).—A very few verbs, mostly poetic, take a suffix  $-\nu\alpha$ -,  $-\nu\eta$ -; thus  $\pi\acute{\epsilon}\rho$ - $\nu\eta$ - $\mu\iota$  *sell* ( $\pi\acute{\epsilon}\rho$ - $\nu\alpha$ - $\mu\epsilon\nu$  *we sell*, theme  $\pi\epsilon\rho$ -).

4. Suffix  $-\nu\epsilon\epsilon^{\circ}$ .—A few verbs take a suffix  $-\nu\epsilon\epsilon^{\circ}$  (§ 190): thus  $\acute{\iota}\kappa$ - $\nu\omicron\upsilon$ - $\mu\alpha\iota$  ( $-\nu\acute{\epsilon}\omicron$ - $\mu\alpha\iota$ ) *arrive* (theme  $\acute{\iota}\kappa$ -).

5. Suffix  $-\nu\nu$ -. Several verbs have a suffix  $-\nu\nu$ -.: thus  $\delta\epsilon\acute{\iota}\kappa$ - $\nu\nu$ - $\mu\iota$  *show* (theme  $\delta\epsilon\iota\kappa$ -).

NOTE.—After a vowel this suffix appears as  $-\nu\nu\nu$ -, but in most of these cases the extra  $\nu$  comes from the assimilation of another consonant in which the theme originally ended: thus  $\xi\nu\nu\nu\mu\iota$  *clothe* (theme originally  $\phi\epsilon\sigma$ -, cf. Latin *vestis*) for  $^{*}\xi\sigma$ - $\nu\nu\mu\iota$ .

**197. The σκ Class.**—Several verbs form their present stem by adding to the theme -σκ<sub>ε</sub><sup>ο</sup> or -ισκ<sub>ε</sub><sup>ο</sup> (cf. Latin *gno-sco*); (regularly, vowel themes take -σκ<sub>ε</sub><sup>ο</sup>, and consonant themes -ισκ<sub>ε</sub><sup>ο</sup>): thus ἀρέ-σκω *please* (theme ἀρε-), εὕρ-ίσκω *find* (theme εὕρ-).

1. Some of these verbs have also reduplication in the present system (§ 182): thus γι-γνώ-σκω *know* (theme γνω-).

#### INFLECTION OF THE PRESENT AND IMPERFECT

**198. The -ω Form.**—For the paradigm see § 237: for an explanation of some of the forms see § 170, notes 1–3.

**199. Contract Verbs.**—Verbs in *ō* (-άω, -έω, -όω) contract the final vowel of the stem with the variable vowel *ε*: for the paradigms see §§ 248–250.

1. In the optative, contract verbs almost always have -ιη- for the mode sign in the singular and -ι- in the dual and plural.

NOTE.—Rarely -ι- is found as mode sign in the singular, while -ιη- seldom, if ever, appears in the dual and plural (cf. § 160, note).

**199 a. Contract Verbs in Homer.**—In Homer verbs in -έω and -άω are sometimes contracted as in Attic, but often remain uncontracted: thus τελέει and τελείται, from τελῶ (-έω) *finish*, ναιετάω *drift*, μενοινᾷς, from μενοινῶ (-άω) *be eager*. Rarely verbs in -άω have the inflection of verbs in -έω: thus μενοίνεον (from μενοινῶ (-άω) *be eager*). Cf. § 199 e.

**b. "ASSIMILATION."**—Verbs in -άω, when uncontracted, not infrequently have the regular uncontracted form, as stated in § 199 a, but more often they show in the manuscripts a peculiar assimilation, an *o* sound prevailing over an adjacent *a* sound, and an *a* sound over an *ε* sound: thus ὁρώω for ὁράω, ὁράας for ὁράεις (ὁρῶ (-άω) *see*). A long syllable in the original form is represented by a long vowel (or improper diphthong) in the assimilated form: thus ὁρώωντες for ὁράοντες, ὁρόωμι for ὁράοιμι, ὁρώωσα for ὁράουσα. Two long vowels in succession are regularly avoided, unless they are necessary to preserve the meter: thus ἡβῶοντες (not ἡβῶωντες) for ἡβᾶοντες, ἡβῶοιμι (not ἡβῶωμι) for ἡβᾶοιμι; but μενοινῶω

2. Verbs of two syllables in -έω (originally -εύω, § 193, note) contract only when the contraction will give *ει*; otherwise they remain uncontracted: thus *πλέω sail*, *πλεῖς*, *πλεῖ*, *πλεῖτον*, *πλεῖτον*, *πλέομεν*, *πλεῖτε*, *πλέουσι*.

NOTE. — But *δῶ* (for *δέω*, \*δε-ιω) *bind* is contracted throughout, and *ξέω* (for \*ξέσω) *scrape* is usually contracted throughout.

3. A few verbs seem to have stems in -η-, and so have *η* wherever the ordinary contract verbs have *ā*: thus *ζῶ live*, *ζῆς*, *ζῆ*, *ζῆτον*, *ζῶμεν*, *ζῆτε*, *ζῶσι*; subj. *ζῶ*, *ζῆς*, etc.; opt. *ζῶην*, *ζώης*, etc.; impv. *ζῆ*, etc.; infin. *ζῆν*; partic. *ζῶν*. The most common of these verbs are *ζῶ live* and *χρῶμαι use*; for the others see the Verb List, § 729.

for *μενοινᾶω*, *ἡβάωσα* for *ἡβάουσα*, since otherwise the original quantities would not be preserved.

**199 c.** Verbs in -όω hardly ever remain uncontracted, but if uncontracted they show an “assimilation” precisely as if they were verbs in -άω: thus *ἀρόωσι* for *ἀρόουσι* (*ἀρῶ* (-όω) *plow*).

NOTE. — There can be little doubt that these “assimilated” forms are spurious forms dating from Alexandrine times, produced from the contracted forms *ὀρῶ*, *ὀρᾶς*, etc., which were the only forms of such verbs in use at the time. Observe that the “assimilated” form has exactly the same quantities as the uncontracted form, and the latter can be everywhere restored to the text.

**d.** AEOLIC FORMS. — Homer sometimes treats contract verbs in -έω as if they were -μι verbs like *τίθημι*: thus *φορῆ-ναι*, *φορή-μεναι* (cf. § 200 a), infinitive from *φορῶ* (-έω) *bear*, *ἀπειλή-την* (cf. § 200 a), imperfect dual from *ἀπειλῶ* (-έω) *threaten*.

**e.** Contract Verbs in Herodotus. — Verbs in -άω in Herodotus are often contracted as in Attic, but sometimes when the *a* comes before an *o* sound it is changed to *ε*, and the form then remains uncontracted: thus *ὀρέω*, *ὀρέωσι*, *ὀρέοντες*, Attic *ὀρῶ* (-άω), etc. *see*.

Verbs in -έω are usually uncontracted except when the *ε* is preceded by a vowel; then *εο* and *εου* usually contract into *ευ* (§ 18 a): thus *ποιεῦσι*, *ἐποῖεν* (for Attic *ποιούσι*, *ἐποίουν*), from *ποιῶ* (-έω) *do*.

Verbs in -όω are regularly contracted as in Attic.

**200. The -μι Form.** — For the paradigms see §§ 251–254. Observe that the end vowel of the stem is long in the singular of the indicative active (§ 170. 1); elsewhere short.

1. In the subjunctive and optative the mode sign is regularly contracted with the final vowel of the theme (§ 170, 2–3); thus *τιθῆς* (subj.) for *τιθέης*, *τιθείην* (opt.) for *τιθε-ίην*, from *τίθημι put*.

NOTE. — Three deponent verbs, *δύναμαι can*, *ἐπίσταμαι understand*, *κρέμαμαι hang*, are accented in the subjunctive and optative as if uncontracted: *δύνωμαι*, *ἐπίστωμαι*, *κρέμωμαι*; opt. 3d sing. *δύναιτο*, *ἐπίσταιτο*, *κρέμαιτο*.

## THE FIRST AORIST SYSTEM

### (ACTIVE AND MIDDLE)

**201.** The first aorist stem is formed by adding *-σα-* to the theme: thus *παιδεύω educate* (theme *παιδευ-*), aor. *ἐ-παίδευ-σα* (aorist stem *παιδευσα-*).

**200 a.** Homer sometimes has the end vowel of *-μι* verbs long in forms other than those of the singular of the indicative active: thus *τιθή-μεναι*, infinitive active of *τίθημι put*.

**b.** Homer and Herodotus have in the third plural *τιθείσι*, *διδούσι*, etc., for \**τιθε-νσι*, \**διδο-νσι*, etc. (the accent is irregular); but regular forms *ῥᾶσι*, from *εἶμι go* (§ 261), and *ῥᾶσι*, from *εἶμι be* (§ 262 a).

**c.** Homer sometimes has *-θι* in the imperative: thus *δίδωθι give*. Herodotus in the third plural of the middle has forms with *-αται*, *-ατο* (Attic *-νται*, *-ντο*, § 167 d): *τιθέαται ἐπιθέατο*.

**201 a.** In Homer the first aorist (and future, § 212) of a good many verbs has *σσ*, but in nearly all such cases the theme of the verb originally ended in *σ* or a lingual mute (cf. § 30 a): thus *ἐ-τέλεσ-σα*, from *τελῶ (έω) finish* (theme *τελεσ-*, cf. *τέλος end*); *ἐ-κόμισ-σα* (for \**ἐ-κομιδ-σα*), from *κομίζω carry* (theme *κομιδ-*).

**b.** Homer has forms of the first aorist with a variable vowel *ε*: instead of *α*: thus *ἐβήετο went*, from *βαίνω*; *ἔξον came*, from *ἔκω*; *ἄξετε lead* (impv.), from *ἄγω*.

1. The theme of primitive verbs usually appears in the first aorist with  $\epsilon$  or with the long vowel (see § 186, 1-2): thus *ἔτρεψα* *turned*, *ἔτηξα* *melted*.

**202. Vowel Verbs.** — Most vowel verbs show a long vowel before the aorist suffix (§ 187): thus *ἐῶ* (*-άω*) *allow*, aor. *εἶᾶ-σα* (§ 15); *τιμῶ* (*-άω*) *honor*, aor. *ἐ-τίμη-σα* (§ 15); *ποιῶ* (*-έω*) *do*, aor. *ἐ-ποίη-σα*; *δηλῶ* (*-όω*) *show*, aor. *ἐ-δήλω-σα*. For some apparent exceptions see § 188.

**203. Mute Verbs.** — A labial or palatal mute at the end of the stem combines with the  $\sigma$  of the suffix, and forms  $\psi$  or  $\xi$  (see §§ 28 and 29): thus *ἔ-κοψα*, from *κόπτω* *cut* (*κοπ-*); *ἔ-γραψα*, from *γράφω* *write* (*γραφ-*); *ἐ-φύλαξα*, from *φυλάττω* *guard* (*φυλακ-*); *ἔ-σφαξα*, from *σφάζω* *slay* (*σφαγ-*).

A lingual mute is dropped before the  $\sigma$  of the suffix (§ 30): thus *ἔ-πεισα*, from *πείθω* *persuade* (*πειθ-*); *ἔ-σπεισα* (see § 34), from *σπένδω* *pour* (*σπενδ-*).

**204. Liquid Verbs.** — Liquid verbs lose the  $\sigma$  of the aorist suffix, and in compensation (§ 16) lengthen the preceding vowel: thus *φαίνω* *show* (theme *φαν-*), aor. *ἔφηνα*; *στέλλω* *send* (theme *στελ-*), aor. *ἔστειλα*; *κρίνω* *distinguish* (theme *κριν-*), aor. *ἔκρῑνα*.

NOTE 1. — The  $\sigma$  of the suffix was first assimilated to the liquid, and later, when the two liquids became one, the preceding vowel was lengthened in compensation (§ 16). Thus, *\*ἔ-μεν-σα* became *ἔμεννα* (which is the Aeolic form), and finally *ἔμεινα*.

NOTE 2. — After  $\iota$  or  $\rho$  the lengthened form of  $a$  is always  $\bar{a}$ ; after other letters  $\eta$  sometimes appears, contrary to § 15, 1: thus *περαίνω* (*περαν-*) *finish*, aor. *ἐπέρᾱνα*; so also *κερδαίνω* (*κερδαν-*) *gain*, aor. *ἐκέρδᾱνα*, but *φαίνω* (*φαν-*) *show*, aor. *ἔφηνα*.

**204 a.** Homer sometimes keeps  $\sigma$  in the aorist after a liquid: thus *ἦρ-σα*, from *ἀραρίσκω* (*ἀρ-*) *fil*; *ἔ-κερ-σα*, from *κείρω* (*κερ-*) *shear*.

**205.** Three verbs — δίδωμι (δο-, δω-) *give*, ἵημι (έ-, ῆ-) *send*, τίθημι (θε-, θη-) *put* — form the singular of their aorists active with the suffix -κα: thus ἔδωκα, ἤκα, ἔθηκα. See § 211, 3. Very rarely this form intrudes elsewhere: thus sometimes ἔδωκαν (= ἔ-δο-σαν, 3d plur.) *they gave*.

#### INFLECTION OF THE FIRST AORIST

**206.** The first aorist middle differs from the active only in the personal endings: thus active ἐ-παίδευ-σα, middle ἐ-παιδευ-σά-μην. For the paradigms see § 240.

NOTE. — In the third singular of the indicative active -α changes to -ε: ἐπαίδευσε. The imperatives παίδευσον, παῖδενσαι, and the infinitive παιδεῦσαι, are irregular, and cannot be satisfactorily explained.

#### THE SECOND AORIST SYSTEM

##### (ACTIVE AND MIDDLE)

**207.** A considerable number of primitive verbs form their aorists without any suffix, and employ only the simple theme of the verb. These aorists fall into two classes, — those with, and those without the variable vowel.

1. Consonant themes are inflected with the variable vowels  $\epsilon$ ; vowel themes follow the -μι form of inflection.

NOTE 1. — A very few second aorists go over to the inflection of the first aorist: so ἔχεα (ἔχεα) *poured* (for \*ἔχευ-ν, § 14, 1, note).

NOTE 2. — The stem of the second aorist always differs from the present stem, since otherwise its forms would be confused with those of the imperfect.

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**207 a.** In Homer the second aorist is found much more frequently than in Attic, and consonant themes are often inflected in the middle without the variable vowel: thus ἐ-δέγ-μην, from δέχ-ομαι *receive*; ἔ-μικ-το, from μείγ-νῦ-μι *mix*. Liquid themes sometimes undergo metathesis (§ 38): thus βλή-το *was hit*, from βάλλω (theme βαλ-).

**NOTE 3.**— Few verbs have both a first and a second aorist in use at the same time. In such case, however, the two aorists always differ in meaning, the first aorist being transitive, and the second intransitive: thus ἔστησε *caused to stand, erected*, ἔστην *stood*.

**208. Second Aorist of the -ω Form.**— The second aorist of the -ω form has regularly that form of the stem with no vowel or with *a* (see §§ 14; 186, 2): thus ἐ-πτ-όμην, from πέτ-ομαι *fly*; ἐ-τραπ-όμην, from τρέπ-ω *turn*; so also ἔ-λιπ-ον, from λείπ-ω *leave* (§ 14, 2); ἔ-φυγ-ον, from φεύγ-ω *flee* (§ 14, 2).

1. The verb ἄγω *lead* has a reduplicated (§ 183) second aorist ἤγαγον (infin. ἀγ-αγ-εῖν, § 179); so also εἶπον *said*, probably for \*ἐ-ῑε-ῑεπ-ον (from root ῑεπ-).

**209. Second Aorist of the -μι Form.**— In the second aorist of the -μι form the stem is the simple theme of the verb: thus ἔ-στη-ν (στα-, στη-) *stood*, ἔ-δο-μεν (δο-, δω-) *gave* (1st person plural).

#### INFLECTION OF THE SECOND AORIST

**210. The -ω Form.**— The second aorist of the -ω form is inflected with the variable vowel  $\epsilon^o$ . For the paradigm see § 241.

**NOTE.**— The following imperatives active of the second aorist have irregular accent: εἰπέ *say*, ἐλθέ *come*, εὗρέ *find*, ἰδέ *see*, λαβέ *take*; but not when compounded: thus ἄπ-ελθε *be off*!

**211. The -μι Form.**— In the -μι form the endings are attached directly to the stem, the final vowel of which is long in the indicative, infinitive, and imperative (except

**208, 1 a.** In Homer reduplicated second aorists are rather frequent: thus ἐ-πέ-φραδ-ον, from φράζω *declare*, πέ-πιθ-ον, from πείθω *persuade*, πέ-φν-ον *slew* (cf. φόν-ος *murder*), etc.

**210 a.** In Homer the same verb sometimes has forms with and without the variable vowel: thus ἔκλυο-ν *heard*, imperative κλυ-θι.



the impv. 3d plur.): thus ἔστην *stood*, ἔβην *went*, infin. βῆναι, but opt. βαίην, 3d plur. impv. βάντων.

1. The subjunctive contracts a final *a*, *ε*, or *ο* of the theme with the *ω* or *η* of the mode sign (§ 170, 2): thus θῆς for θέ-ης (τίθημι *put*), δῶ for δό-ω (δίδωμι *give*).

2. In the optative the *ι* of the mode sign contracts with the final vowel of the theme (§ 170, 3): thus θείην, θείμεν (τίθημι *put*).

NOTE.—But two deponent verbs, ἐπριάμην *bought* (§ 257) and ὠνήμην *received profit*, are accented as if uncontracted (cf. § 200, note).

3. Three verbs, δίδωμι *give*, ἵημι *send*, τίθημι *put*, keep the vowel of their stems short throughout the second aorist; in the singular of the indicative active they have forms with -κα (§ 205); and in the infinitive and imperative they are slightly peculiar. For their conjugation see §§ 255, 256, 260.

211 a. Properly, in the second aorist, as in the present, of -αι verbs, the long form should be found only in the singular of the indicative active (see § 200). So we should have sing. ἔβην, ἔβης, ἔβη, dual ἔβατον, etc., plur. ἔβαμεν, etc. But in Attic the long vowel of the singular has crowded into the dual and plural, except in δίδωαι, ἵηαι, τίθηαι. In Homer, as might be expected, we sometimes find forms with the short vowel: thus βάτην *they (two) went*, ἔχυντο *was poured* (ἔχυναι).

211, 1 a. In Homer the subjunctive of the second aorist of -αι form is usually uncontracted: thus θέωμεν, ἀφ-έ-η. But in such case the root vowel usually appears in its long form: thus θή-η (Attic θῆς, for θέ-ης), δώ-η-σι or δώ-η (Attic δῶ, for δό-η). Before the endings -τον, -μεν, -τε of the active, and in most forms of the middle, the mode vowel is then short (§ 160 a): thus στή-ε-τον, δώ-ο-μεν, βλή-ε-ται (from βάλλω *throw*), φθι-ό-μεσθα (from φθίνω *waste away*).

211, 1 b. In Herodotus -αω and -εω remain uncontracted in the subjunctive, -αω as elsewhere becoming -εω (§ 199 e): thus στέω-μεν (for στάω-μεν, Attic στῶμεν).

211, 2 a. In Attic no second aorist optative of themes in -υ- or -ι- happens to occur. In Homer such an optative is sometimes found: thus δύνη (for \*δυνη), δύνμεν (for \*δυνμεν), from δύω *enter*, φθίμην (for \*φθυμην), φθίτο (for \*φθιτο) from φθίνω *waste away, perish*.

## THE FUTURE SYSTEM

## (ACTIVE AND MIDDLE)

**212.** The stem of the future is, in general, the same as that of the first aorist (§ 201), except that the variable vowel  $\epsilon$  appears in the suffix instead of  $\alpha$ : thus *παιδεύ-ω educate*, aor. *ἐ-παίδευ-σα*, fut. *παιδεύ-σω* (stem *παιδευσ<sup>ο</sup>ε*).

1. Some few verbs in *-ῶ (-έω)* and *-άζω* drop the  $\sigma$  of the future and contract. This happens only when the  $\sigma$  of the tense sign is preceded by a short vowel ( $\alpha$  or  $\epsilon$ ) which in turn is preceded by a short syllable: thus *τελῶ (-έω) finish*, fut. *τελῶ* (for *τελέ-σω, τελέω*); *βιβάζω make go*, fut. *βιβῶ* (for *βιβά-σω, βιβάω*); so also *ἐλῶ* (for *ἐλά-σω*), future of *ἐλαύνω drive*. These futures are usually reckoned among the Attic futures of § 215.

**213. Liquid Verbs.**—Liquid verbs form their futures with the suffix *-εω* (for *-εσω*, § 37); the  $\epsilon$  is contracted with the following vowel, as in the present of *φιλῶ (-έω)*, §§ 199, 249: thus *φαίνω show* (theme *φαν-*), fut. *φανῶ*, for *φανέω*.

NOTE. — The  $\epsilon$  here is probably a mere help vowel, generated in the pronunciation of a liquid before  $\sigma$ : thus *\*φαν-σω* (regularly formed like *λύ-σω*) soon became *\*φανεσω*, then *φανέω*, and finally *φανῶ*.

**214. Doric Future.**—A few verbs form their future with a suffix *-σε<sup>ο</sup>ε*, which undergoes the regular contraction. This is found only in verbs which employ the future middle in an active meaning; such verbs have also the regular future in *-σομαι*: thus *πνέω breathe*, fut. *πνευσοῦμαι* or *πνεύσομαι*; *φεύγω flee*, fut. *φευξοῦμαι* or *φεύξομαι*. This

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**213 a.** A few liquid verbs in Homer and the Attic poets have a future in *-σω* (cf. § 204 a): thus *δρνῦμι rouse*, fut. *δρσω*.

is the regular form of the future in the Doric dialect, and so it is usually called the Doric Future.

**215. Attic Future.** — Verbs in *-ίζω* also take the future suffix *-σέε-*, but drop the *σ* between the two vowels (§ 37), which then contract: thus *νομίζω think*, fut. *νομιῶ* (for \**νομισέω*, \**νομιέω*). This is usually called the Attic Future.

**216.** Four or five verbs have no future suffix, so that their future tense has the form of a present: thus *ἔδομαι shall eat*, *πίομαι shall drink*.

NOTE. — These forms are really old subjunctives with a short mode sign (§ 160 a), which have come to be used as futures (cf. § 555, note).

#### INFLECTION OF THE FUTURE

**217.** The future belongs to the *-ω* form of inflection; for the paradigms see §§ 238–239.

#### THE FIRST PERFECT SYSTEM (ACTIVE)

##### (PERFECT AND PLUPERFECT)

**218.** The stem of the first perfect is formed by reduplicating (§ 178) the theme and adding the suffix *-κα*: thus *λέ-λυ-κα*, from *λύω loose*.

1. A lingual mute is dropped before *-κα*: thus *πέ-πει-κα*, from *πειθ-ω persuade*. A *ν* either disappears or is changed to *γ*-nasal: thus *κέ-κρι-κα*, from *κρίνω distinguish*, but *πέ-φαγ-κα*, from *φαίνω show*.

2. Vowel verbs usually have a long vowel (§ 187) before the suffix *-κα*: thus *τε-τίμη-κα*, from *τιμῶ (-άω) honor*; *πε-ποίη-κα*, from *ποιῶ (-έω) do*.

3. Some liquid themes undergo metathesis (§ 38), and so are treated as vowel themes (§ 163, 1): thus *βέ-βλη-κα*,

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**218 a.** In Homer the first perfect is found only in vowel verbs.

from βάλλω (βαλ-) *throw*; κέ-κμη-κα, from κάμνω (καμ-) *labor*.

4. Stems of one syllable with the vowel variation ο, ε, (α) (§ 14, 1) have in the first perfect the form with α, — borrowed, probably, from the perfect middle (§ 224, 1, note): thus ἔσταλκα, from στέλλω (στελ-, σταλ-) *send*; ἔφθαρκα, from φθείρω (φθορ-, φθερ-, φθαρ-) *destroy*.

## THE SECOND PERFECT SYSTEM (ACTIVE)

### (PERFECT AND PLUPERFECT)<sup>e</sup>

219. The stem of the second perfect (confined almost wholly to primitive verbs) is formed by reduplicating (§ 178) the theme, and adding the suffix -α: thus γέ-γραφ-α, from γράφω (γραφ-) *write*.

1. Most stems ending in π, β, κ, or γ change the last letter into the corresponding rough mute (§ 12, 2): thus βέ-βλαφ-α, from βλάπτω (βλαβ-) *injure*; ἦχ-α, from ἄγω (ἀγ-) *lead*.

2. Verbs whose themes show the variation of long and short vowels (§ 13) have in the second perfect the long vowel (§ 186, 1): thus τέ-τηκ-α, from τήκω (τηκ-, τακ-) *melt*.

219 a. Properly in the perfect system (which really belongs to the -μι form of inflection) we should have in the singular of the indicative active the form of the theme with ο, and elsewhere the form with no vowel or with α (§ 14). (Compare the inflection of οἶδα, § 259.) Many peculiar forms in Homer are made clear by this simple fact: thus εἰκτην, from εἰοικα *am like*; ἐπέπιθμεν, from πέ-ποιθ-α *trust*; γεγάτην (for \*γε-γν-την, § 14, 1, note), from γέ-γον-α *have become*; πέ-πασθε (for \*πε-παθ-τε, § 26), from πέ-πονθ-α *have suffered*. So also πε-φυγ-μένος, perfect middle participle of φεύγω *flee*. So also in Attic τέ-τραμ-μαι, τέ-θραμ-μαι, ἔ-στραμ-μαι, etc. (§ 224, 1, note).

219, 1 a. Homer never makes rough a labial or palatal mute in the perfect active.

3. Verbs whose themes show the vowel variation *ο, ε*, (α) (§ 14) have in the second perfect the form with *ο* (or *οι*) (§ 186, 2): thus *τρέφω* (*τροφ-*, *τρεφ-*, *τραφ-*) *nourish*; *λείπω* (*λοιπ-*, *λειπ-*, *λιπ-*) *leave*.

NOTE 1. — Themes with the variation *οι, ει, υ* (§ 14, 2) should also have (ο) *οι* in the second perfect, but the only example of this regular form is the Epic *εἰλήλουθα* *have come*. All others have *ει* as *πέφηνυ-α*, from *φεύγω* (*φενγ-, φυγ-*) *fly*.

NOTE 2. — Verbs with Attic reduplication (§ 179) regularly have the short form of the root: thus *ἀλείφω*, from *ἀλείφω* *anoint*.

**220.** A few second perfects are formed without any suffix, the endings being added directly to the reduplicated theme: thus *ἔσταμεν* *we stand*, *τεθνά-ναι* *to be dead*. Such forms are seldom found in the singular of the indicative (cf. §§ 219 a and 258).

## INFLECTION OF THE PERFECTS ACTIVE

### (FIRST AND SECOND)

**221.** The first and second perfect systems are alike in their inflection. For the paradigms see §§ 242-243.

NOTE. — In the third singular of the indicative active *-α* changes to *-ε*: *πεπαίδευκε* (cf. § 206, note).

1. For the subjunctive and optative the perfect participle with the corresponding form of *εἰμί* *am* is very often used: thus *πεπαιδευκὼς ὦ, πεπαιδευκὼς εἶην* (cf. § 227).

2. The imperative is hardly ever found except in perfects with present meaning: thus *ἔσταθι* *stand*.

## THE PLUPERFECTS ACTIVE

### (FIRST AND SECOND PLUPERFECTS)

**222.** The stem of the pluperfect active is the same as that of the perfect active, with the substitution of *ε* or

$\eta$  for the  $\alpha$  of the suffix : thus 1st perf.  $\lambda\acute{\epsilon}\lambdaυκα$ , 1st plup.  $\acute{\epsilon}-\lambda\epsilon-\lambda\acute{\upsilon}-κη$  ; 2d perf.  $\gamma\acute{\epsilon}\gamma\rhoαφα$ , 2d plup.  $\acute{\epsilon}-\gamma\epsilon-\gamma\rhoάφ-η$ .

## INFLECTION OF THE PLUPERFECTS ACTIVE

(FIRST AND SECOND)

**223.** For the inflection of the pluperfects active see the paradigms §§ 242-243. For the augment see § 176.

## THE PERFECT MIDDLE SYSTEM

## PERFECT, PLUPERFECT, AND FUTURE PERFECT

**224.** The stem of the perfect middle is the reduplicated theme, to which the endings are attached directly : thus  $\lambda\acute{\epsilon}-\lambda\upsilon-μαι$ , from  $\lambda\acute{\upsilon}\omega$  *loose*.

1. The perfect middle in general agrees with the first perfect active in vowel changes of the theme and the retention or rejection of  $\nu$ . Examples are :

$\tau\epsilon-τίμη-μαι$ , from  $\tauιμ\acute{\omega}$  ( $-\acute{\alpha}\omega$ ) *honor*.

$\pi\epsilon-ποιή-μαι$ , from  $\piοι\acute{\omega}$  ( $-\acute{\epsilon}\omega$ ), *do*.

$\pi\acute{\epsilon}-πεισ-μαι$  (§ 27, 3), from  $\piείθ-ω$  *persuade*.

$\acute{\epsilon}-σταλ-μαι$ , from  $\sigmaτέλλω$  ( $\sigmaτελ-$ ,  $\sigmaταλ-$ ) *send*.

$\kappa\acute{\epsilon}-κρι-μαι$ , from  $\κρίνω$  ( $\κριν-$ ) *distinguish*.

$\beta\acute{\epsilon}-βλη-μαι$  (§ 38, 1), from  $\βάλλω$  ( $\βαλ-$ ) *throw*.

NOTE.— Properly the perfect middle of primitive verbs with the vowel variation  $\omicron$ ,  $\epsilon$ , ( $\alpha$ ) (§§ 14, 1 and 186, 2), should have the form of the theme with no vowel or  $\alpha$  : thus  $\tau\acute{\epsilon}\theta\rhoαμ-μαι$  ( $\tauρέφω$  *nourish*),  $\tau\acute{\epsilon}\tau\rhoαμ-μαι$  ( $\tauρέπω$  *turn*),  $\acute{\epsilon}\sigmaτ\rhoαμ-μαι$  ( $\στρέφω$  *turn*),  $\acute{\epsilon}\sigmaπαρ-μαι$  ( $\σπείρω$  ( $\σπερ-$ ) *sow*),  $\tau\acute{\epsilon}\tauα-μαι$  (for  $*\tau\epsilon\tau\nu-μαι$  (§ 14, 1, note), from  $\tauείνω$  ( $\tauεν-$ ) *stretch*),  $\pi\acute{\epsilon}\pi\nuσ-μαι$  ( $\πυνθάνομαι$  ( $\πενθ-$ ,  $\πυθ-$ ) *learn*) ; but the form of the theme with  $\epsilon$  has often intruded : thus  $\pi\acute{\epsilon}\pi\epsilonμ-μαι$  ( $\πέμπω$  *send*),  $\pi\acute{\epsilon}\pi\epsilonισ-μαι$  ( $\πείθω$  *persuade*).

For  $\sigma$  at the end of the stem in the perfect middle of some verbs see § 189.

**222 a.** Ionic usually has the uncontracted forms  $-\epsilon\alpha$ ,  $-\epsilon\alpha-s$ ,  $-\epsilon\epsilon$  in the singular of the pluperfect : thus  $\pi\epsilon\piοί\theta\epsilon\alpha$  *trusted*,  $\eta\delta\epsilon\epsilon(\nu)$  *knew*.

## INFLECTION OF THE PERFECT AND PLUPERFECT MIDDLE

**225.** 1. The inflection of the perfect middle system of vowel verbs may be seen in § 244. In mute or liquid verbs the final consonant of the theme before the personal endings is subject to the euphonic changes mentioned in §§ 25-31 and 35. These may be seen from the paradigms § 247.

2. When the  $\sigma$  at the end of the perfect middle stem of some verbs (§ 189) comes before  $\sigma$  in a personal ending, the two sigmas are reduced to one (§ 35): thus  $\tau\epsilon\text{-}\tau\acute{\epsilon}\lambda\epsilon\sigma\text{-}\mu\alpha\iota$ ,  $\tau\epsilon\text{-}\tau\acute{\epsilon}\lambda\epsilon\sigma\alpha\iota$  (for  $*\tau\epsilon\text{-}\tau\epsilon\lambda\epsilon\sigma\text{-}\sigma\alpha\iota$ ), from  $\tau\epsilon\lambda\acute{\omega}$  ( $\acute{\epsilon}\omega$ ) *finish*; see § 247.

**226.** In the third person plural of the indicative middle consonant stems employ the perfect participle with  $\epsilon\acute{\iota}\sigma\acute{\iota}$  *they are* for the perfect, and with  $\eta\sigma\alpha\nu$  *they were* for the pluperfect, since the endings  $\text{-}\nu\tau\alpha\iota$ ,  $\text{-}\nu\tau\omicron$  are regularly used only after a vowel: thus  $\eta\gamma\mu\acute{\epsilon}\nu\omicron\iota$   $\epsilon\acute{\iota}\sigma\acute{\iota}$  *they have been led*.

**227.** The perfect middle subjunctive and optative (like the third plural of the indicative) are periphrastic. They are made by combining the perfect participle with the subjunctive and optative of  $\epsilon\acute{\iota}\mu\acute{\iota}$  *am* (cf. Latin *amatus sim*, *amatus essem*); thus  $\pi\epsilon\pi\alpha\iota\delta\epsilon\upsilon\mu\acute{\epsilon}\nu\omicron\varsigma$   $\acute{\omega}$ ,  $\pi\epsilon\pi\alpha\iota\delta\epsilon\upsilon\mu\acute{\epsilon}\nu\omicron\varsigma$   $\epsilon\acute{\iota}\eta\nu$ .

**226 a.** In Ionic the endings  $\text{-}\alpha\tau\alpha\iota$ ,  $\text{-}\alpha\tau\omicron$  (Attic  $\text{-}\nu\tau\alpha\iota$ ,  $\text{-}\nu\tau\omicron$ , § 167 d), are employed in the third plural with consonant themes, and sometimes even with vowel themes; before these endings  $\pi$ ,  $\beta$ ,  $\kappa$ ,  $\gamma$ , are usually changed to the corresponding rough mutes: thus  $\tau\epsilon\text{-}\tau\acute{\alpha}\chi\text{-}\alpha\tau\alpha\iota$ ,  $\acute{\epsilon}\text{-}\tau\epsilon\text{-}\tau\acute{\alpha}\chi\text{-}\alpha\tau\omicron$ , from  $\tau\acute{\alpha}\tau\tau\omega$  ( $\tau\alpha\gamma\text{-}$ ) *arrange* (Attic  $\tau\epsilon\tau\alpha\gamma\mu\acute{\epsilon}\nu\omicron\iota$   $\epsilon\acute{\iota}\sigma\acute{\iota}$ ,  $\tau\epsilon\tau\alpha\gamma\mu\acute{\epsilon}\nu\omicron\iota$   $\eta\sigma\alpha\nu$ ). So also  $\beta\epsilon\text{-}\beta\lambda\acute{\eta}\text{-}\alpha\tau\omicron$ , from  $\beta\acute{\alpha}\lambda\lambda\omega$  ( $\beta\alpha\lambda\text{-}$ ) *throw*. Herodotus is very fond of these endings, and uses them often with vowel verbs (the vowel before them being always made short): thus  $\omicron\acute{\iota}\kappa\acute{\epsilon}\text{-}\alpha\tau\alpha\iota$  (Attic  $\phi\acute{\kappa}\eta\text{-}\nu\tau\alpha\iota$ ), from  $\omicron\acute{\iota}\kappa\acute{\omega}$  ( $\text{-}\acute{\epsilon}\omega$ ) *inhabit*.



NOTE. — A few perfects middle that have a present meaning form their subjunctive and optative directly from the stem: so μέμνημαι *remember*, from μμνήσκω *remind*; subj. μεμνώμαι, opt. μεμνήμην or μεμνώμην, 2d pers. μεμνή-ο, for \*με-μνη-ι-(σ)ο, etc.

## THE FUTURE PERFECT

**228.** The stem of the future perfect is formed by adding  $-\sigma_{\epsilon}^{\omega}$  to the stem of the perfect middle. A vowel before  $-\sigma_{\epsilon}^{\omega}$  is always long, although in the perfect middle it may have been short: thus λε-λύ-σο-μαι (perf. mid. λέ-λυ-μαι) from λύω *loose*; δε-δή-σο-μαι (perf. mid. δέ-δε-μαι) from δῶ (δέω) *bind*.

### INFLECTION OF THE FUTURE PERFECT

**229.** The future perfect is inflected with the middle endings. It differs from the future middle only in having reduplication. Its meaning is almost always passive. For the paradigm see § 244.

**230. Future Perfect Active.** — Most verbs form their future perfects active periphrastically by combining the perfect participle with ἔσομαι *shall be*: thus γε-γραφὼς ἔσομαι *shall have written* (cf. in Latin the corresponding passive form *scriptus ero*). But two perfects with present meaning, in frequent use, have developed a special future perfect active. These are τέθνηκα *am dead* ((ἀπο)θνήσκω *die*), fut. perf. τεθνήξω *shall be dead*; and ἔστηκα *stand* (ἵστημι *set up*), fut. perf. ἐστήξω *shall stand*.

## THE FIRST AORIST PASSIVE SYSTEM

**231.** The stem of the first aorist passive is formed by adding to the theme of the verb the suffix  $-\theta\epsilon-$ , the  $\epsilon$  of which appears as  $\eta$  in the indicative, infinitive, and imper-

ative (except the 3d plur. impv., cf. § 211): thus ἐ-λύ-θη-ν, from λύω *loose*.

1. Before the *θ* of the suffix a labial or palatal mute (*π, β, κ, γ*) becomes coördinate (§ 25): a lingual mute becomes *σ* (§ 26): thus ἐ-πράχ-θη-ν (*πρᾶχ-*), from πρᾶττω *do*; ἐ-λείφ-θη-ν (*λειπ-*), from λείπω *leave*; ἐπείσ-θη-ν (*πειθ-*), from πείθω *persuade*.

2. Vowel verbs show a vowel of the same length as in the perfect middle: thus ἐ-τίμη-θη-ν (perf. mid. τε-τίμη-μαι), from τιμῶ (-άω) *honor*; ἐ-δό-θη-ν (perf. mid. δέ-δο-μαι), from δίδωμι *give*; ἐ-κρί-θη-ν, perf. mid. κέ-κρι-μαι, from κρίνω *distinguish*.

3. For the *σ* before the suffix of some verbs (ἐτελέσθην, ἡκούσθην, etc.) see § 189.

4. Primitive verbs whose themes show the vowel variation *ο, ε, (α)* (§ 14) usually have in the first aorist passive the form with *ε*: thus ἐ-τρέφ-θη-ν, from τρέπω (*τροπ-, τρεπ-, τραπ-*) *turn*; ἐ-λείφ-θη-ν, from λείπω (*λοιπ-, λειπ-, λιπ-*) *leave*.

## SECOND AORIST PASSIVE

**232.** The stem of the second aorist passive is formed by adding the suffix *-ε-* to the theme of the verb. This *ε* appears as *η* in the indicative, infinitive, and imperative (except the 3d plur. impv., cf. § 211): thus ἐ-φάν-η-ν, from φαίνω (*φαν-*) *show*.

1. Primitive verbs whose themes show the variation between a short and a long vowel (§ 13) have in the second aorist passive the form with the short vowel (§ 186, 1): thus ἐ-τάκ-η-ν, from τήκω (*τηκ-, τακ-*) *melt*.

2. Primitive verbs whose themes show the vowel variation *ο, ε, (α)* (§ 14) have in the second aorist passive

the form with *a* (§ 186, 2): thus *ἐ-στάλ-η-ν*, from *στέλλω* (*στελ-, σταλ-*) *send*.

## INFLECTION OF THE AORISTS PASSIVE

## (FIRST AND SECOND)

**233.** The first and second aorists passive are alike in their inflection. They take the active endings (§ 166, 1), and closely resemble the second aorist of the *-μι* form. For the paradigms see §§ 245-246.

1. The subjunctive contracts the *ε* of the passive suffix with the *ω* or *η* of the mode sign (§ 160, 2): thus *λυθῶ* for *λυ-θέ-ω* (*λύω loose*).

2. The optative has for mode sign *-ιη-* in the singular and *ι* in the plural (§ 160, 1). The *ι* of the mode sign is contracted with the *ε* of the suffix (§ 160, 2): thus *λυθείην*, *λυθείμεν* (*λύω loose*).

NOTE. — In the dual and plural *-ιη* sometimes is found as the mode sign, but there is little doubt that this is due to errors of copyists, who were influenced by the analogy of the singular.

3. The imperative ending *-θι* in the first aorist passive becomes *-τι* to avoid rough mutes at the beginning of two successive syllables (§ 40): thus *λύθη-τι* (for *\*λυθη-θι*).

## THE FUTURES PASSIVE

## (FIRST AND SECOND FUTURES PASSIVE)

**234.** The stem of the future passive is formed by adding *-σῶ-* to the stem of the aorist passive (cf. §§ 212;

**233 a.** In the third plural indicative Homer often has the ending *-ν* for *-σαν*, always with a short vowel preceding (§ 167 c): thus *ἐ-τραφ-ε-ν* *were reared*, Attic *ἐ-τράφ-η-σαν*.

**233, 1 a.** In Homer the subjunctive of the second aorist passive has the same peculiar form as the second aorist active of the *-μι* form (see § 211, 1 a): thus *φανῇ-η* (Attic *φανῇ*, for *φανέ-η*) from *φαίνω show*, *δαμή-ετε* (§ 160 a) from *δάμνημι subdue*.

228): thus *λυθή-σο-μαι* (aor. pass. *ἐ-λύθη-ν*), from *λύω loose*; *φανή-σο-μαι* (aor. pass. *ἐ-φάνη-ν*), from *φαίνω show*.

1. The future passive is inflected like the future middle. For the paradigms see §§ 245; 246, 1.

## VERBAL ADJECTIVES

**235.** The stems of the verbal adjectives are formed by adding *-το-* and *-τεο-* to the theme, which usually has the same form as in the first aorist passive, except that a rough mute is made coördinate before the *τ* of the suffix (§ 25): thus,

	AORIST PASSIVE	VERBALS
<i>λύω loose</i>	<i>ἐ-λύ-θην</i>	<i>λυ-τός, λυ-τέος</i>
<i>τιμῶ (-άω) honor</i>	<i>ἐ-τίμη-θην</i>	<i>τιμη-τός, τιμη-τέος</i>
<i>πείθω persuade</i>	<i>ἐ-πείσ-θην</i>	<i>πεισ-τός, πεισ-τέος</i>
<i>κρίνω distinguish</i>	<i>ἐ-κρί-θην</i>	<i>κρι-τός, κρι-τέος</i>
<i>τάττω arrange (ταγ-)</i>	<i>ἐ-τάχ-θην</i>	<i>τακ-τός, τακ-τέος</i>
<i>τρέφω nourish</i>	<i>ἐ-θρέφ-θην</i>	<i>θρεπ-τός, θρεπ-τέος</i>

1. The verbal adjectives belong to the first and second declensions of adjectives (*λυτός, -ή, -όν*; *λυτέος, -ᾶ, -ον*). See § 117. For the accent see § 185, 2.

2. The verbal in *-τός* expresses what has been done or may be done; that in *-τέος* what needs doing: thus *λυτός loosed* or *loosable*; *λυτέος needing to be loosed*.

**236.** The meanings of the different persons, numbers, modes, tenses, and voices, may be seen from the following paradigm and synopsis of *παιδεύω educate*. The meanings of the subjunctive and optative have no brief equivalent in English, and they must be learned from the chapter on Syntax.

PRESENT INDICATIVE ACTIVE OF παιδεύω *educate*

SINGULAR	DUAL	PLURAL
1. παιδεύω <i>I educate</i>		παιδεύομεν <i>we educate</i>
2. παιδεύεις <i>you educate</i>	παιδεύετον { <i>you (two)</i> <i>educate</i>	παιδεύετε <i>you educate</i>
3. παιδεύει <i>he educates</i>	παιδεύετον { <i>they (two)</i> <i>educate</i>	παιδεύουσι <i>they educate</i>

SYNOPSIS OF THE VERB παιδεύω *educate*

## THE PRESENT AND IMPERFECT

	Active	Middle	Passive
Indic.	παιδεύω <i>I educate (or am educating)</i> ἐπαιδενον <i>I was educating</i>	παιδεύομαι <i>I educate for myself, get educated (or am getting educated)</i> ἐπαιδενόμην <i>I was getting educated</i>	The present middle is used also as passive (§ 158, 1)
Subj.	παιδεύω	παιδεύωμαι	
Opt.	παιδεύοιμι	παιδευοίμην	
Impv.	παιδεε <i>educate</i>	παιδεύου <i>get educated</i>	
Infin.	παιδεύειν <i>to educate</i>	παιδεύεσθαι <i>to get educated</i>	
Partic.	παιδύων <i>educating</i>	παιδευόμενος <i>getting educated</i>	

## THE FUTURE

Indic.	παιδεύσω <i>I shall educate</i>	παιδεύσομαι <i>I shall get educated</i>	παιδευθήσομαι <i>I shall be educated</i>
Opt.	παιδεύσοιμι	παιδευσοίμην	παιδευθησοίμην
Infin.	παιδεύσειν <i>to be about to educate</i>	παιδεύσεσθαι <i>to be about to get educated</i>	παιδευθήσεσθαι <i>to be about to be educated</i>
Partic.	παιδύσων <i>about to educate</i>	παιδευσόμενος <i>about to get educated</i>	παιδευθησόμενος <i>about to be educated</i>

## SYNOPSIS OF παιδεύω educate (continued)

## THE AORISTS

	Active	Middle	Passive
Indic.	ἐπαίδευσα <i>I educated</i>	ἐπαίδευσάμην <i>I got educated</i>	ἐπαιδεύθην <i>was educated</i>
Subj.	παιδεύσω	παιδεύσωμαι	παιδευθῶ
Opt.	παιδεύσαιμι	παιδευσαίμην	παιδευθείην
Impv.	παίδευσον <i>educate</i>	παίδευσαι <i>get educated</i>	παιδεύθητι <i>be educated</i>
Infin.	παιδεύσαι <i>to educate</i>	παιδεύσασθαι <i>to get educated</i>	παιδευθῆναι <i>to be educated</i>
Partic.	παιδεύσας <i>having ing educated</i>	παιδευσάμενος <i>having got educated</i>	παιδευθείς <i>having been educated</i>

## THE PERFECT AND PLUPERFECT

Indic.	πεπαίδευκα <i>I have educated</i>	πεπαίδευμαι <i>I have got (or am, § 534) educated</i>	The perfect middle is used also as passive (§ 158, 1)
	ἔπεπαιδύκη <i>I had educated</i>	ἔπεπαιδύμην <i>I had got (or was, § 534) educated</i>	
Subj.	πεπαιδέυκω	πεπαιδευμένος ᾧ	
Opt.	πεπαιδέυκοιμι	πεπαιδευμένος εἴην	
Impv.	[πεπαίδευκε]	πεπαίδευσο <i>be educated</i>	
Infin.	πεπαιδευκέναι <i>to have educated</i>	πεπαιδευθῆναι <i>to have got (or to be, § 534) educated</i>	
Partic.	πεπαιδευκώς <i>having educated</i>	πεπαιδευμένος <i>having got educated, or simply educated (§ 534)</i>	

## THE FUTURE PERFECT

	Active. See § 230.	(Middle and) Passive. See § 229.
Indic.	πεπαιδευκῶς ἔσομαι <i>I shall have educated</i>	πεπαιδύσομαι <i>I shall have (got or) been educated, or shall be educated (cf. § 538)</i>
Opt.	πεπαιδευκῶς ἔσολιμην	πεπαιδευσολίμην
Infin.	πεπαιδευκῶς ἔσεσθαι <i>to be about to have educated etc.</i>	πεπαιδύσεσθαι <i>to be about to have (got or) been educated</i>
Partic.		πεπαιδευσόμενος <i>about to have (got or) been educated</i>

## VERBAL ADJECTIVES

παιδευτός *educated or capable of being educated*

παιδευτέος *needing to be educated*

237.

## Present System

παιδεύ-ω, *educate*

## ACTIVE

## MIDDLE (PASSIVE)

		Present	Imperfect			Present	Imperfect
Indicative.	S. 1	παιδεύω	ἐ-παίδευο-ν			παιδεύο-μαι	ἐ-παιδευό-μην
	2	παιδεύεις	ἐ-παίδευε-ς			παιδεύῃ, or -ει	ἐ-παιδεύου
	3	παιδεύει	ἐ-παίδευε			παιδεύε-ται	ἐ-παιδεύε-το
	D. 2	παιδεύε-τον	ἐ-παιδεύε-τον			παιδεύε-σθον	ἐ-παιδεύε-σθον
	3	παιδεύε-τον	ἐ-παιδεύε-την			παιδεύε-σθον	ἐ-παιδεύε-σθην
	P. 1	παιδεύο-μεν	ἐ-παιδεύο-μεν			παιδευό-μεθα	ἐ-παιδευό-μεθα
	2	παιδεύε-τε	ἐ-παιδεύε-τε			παιδεύε-σθε	ἐ-παιδεύε-σθε
	3	παιδεύουσιν	ἐ-παίδευο-ν			παιδεύο-νται	ἐ-παιδεύο-ντο
Subjunctive.	S. 1	παιδεύω				παιδεύω-μαι	
	2	παιδεύῃς				παιδεύῃ	
	3	παιδεύῃ				παιδεύῃ-ται	
	D. 2	παιδεύῃ-τον				παιδεύῃ-σθον	
	3	παιδεύῃ-τον				παιδεύῃ-σθον	
	P. 1	παιδεύω-μεν				παιδευώ-μεθα	
Optative.	2	παιδεύῃ-τε				παιδεύῃ-σθε	
	3	παιδεύωσιν				παιδεύω-νται	
	S. 1	παιδεύοι-μι				παιδευοί-μην	
	2	παιδεύοι-ς				παιδεύοι-ο	
	3	παιδεύοι				παιδεύοι-το	
	D. 2	παιδεύοι-τον				παιδεύοι-σθον	
Imperative.	3	παιδευοί-την				παιδευοί-σθην	
	P. 1	παιδεύοι-μεν				παιδευοί-μεθα	
	2	παιδεύοι-τε				παιδεύοι-σθε	
	3	παιδεύοιε-ν				παιδεύοι-ντο	
	S. 2	παίδευε				παιδεύου	
	3	παιδευέ-τω				παιδευέ-σθω	
Infin.	D. 2	παιδεύε-τον				παιδεύε-σθον	
	3	παιδευέ-των				παιδευέ-σθων	
	P. 2	παιδεύε-τε				παιδεύε-σθε	
	3	παιδευό-ντων				παιδευέ-σθων	
Part.		παιδewwv, -ουσα, -ον				παιδευό-μενο-ς, -η, -ον	

NOTE. — For an explanation of some of the forms see § 170, notes 1-3.



## Future System.

## 238. Vowel Verbs.

παιδεύ-ω educate.

## 239. Liquid Verbs.

φαίνω (φαν-) show.

Indicative.	ACTIVE.		MIDDLE.	ACTIVE.		MIDDLE.
	Future.			Future (contracted).		
	S.	1	παιδεύσω	παιδεύσο-μαι	φανῶ (-έω)	φανοῦμαι (-έο-)
	2	παιδεύσεις	παιδεύσῃ or -ει	φανείς (-έεις)	φανῇ or -εῖ (έῃ or -έει)	
	3	παιδεύσει	παιδεύσει-ται	φανεί (-έει)	φανείται (-έει-)	
	D.	2	παιδεύσε-τον	παιδεύσε-σθον	φανεί-τον (-έει-)	φανείσθον (-έει-)
	3	παιδεύσε-τον	παιδεύσε-σθον	φανεί-τον (-έει-)	φανείσθον (-έει-)	
	P.	1	παιδεύσο-μεν	παιδευσό-μεθα	φανοῦ-μεν (-έο-)	φανούμεθα (-έο-)
	2	παιδεύσε-τε	παιδεύσε-σθε	φανεί-τε (-έει-)	φανείσθε (-έει-)	
	3	παιδεύσουσι	παιδεύσονται	φανούσι (-έου-)	φανούνται (-έου-)	

No  
Subjunctive

No  
Subjunctive

Optative.	ACTIVE.		MIDDLE.	ACTIVE.		MIDDLE.
	S.	1	παιδεύσοι-μι	παιδευσοί-μην	φανοίη-ν (-εοίην)	φανοί-μην (-εοί-)
		2	παιδεύσοι-ς	παιδεύσοι-ο	φανοίη-ς (-εοίης)	φανοί-ο (-έοιο)
	3	παιδεύσοι	παιδεύσοι-το	φανοίη (-εοίη)	φανοί-το (-έοι-)	
	D.	2	παιδεύσοι-τον	παιδεύσοι-σθον	φανοί-τον (-έοι-)	φανοί-σθον (-έοι-)
	3	παιδευσοί-την	παιδευσοί-σθην	φανοί-την (-έοι-)	φανοί-σθην (-εοί-)	
	P.	1	παιδεύσοι-μεν	παιδευσοί-μεθα	φανοί-μεν (-έοι-)	φανοί-μεθα (-εοί-)
	2	παιδεύσοι-τε	παιδεύσοι-σθε	φανοί-τε (-έοι-)	φανοί-σθε (-έοι-)	
	3	παιδεύσοι-ν	παιδεύσοι-ντο	φανοί-ν (-έοι-)	φανοί-ντο (-έοι-)	

No  
Imperative

No  
Imperative

Infin.	παιδεύσειν	παιδεύσε-σθαι	φανείν (-έειν)	φανεί-σθαι (-έει-)
Part.	παιδεύσων, -ουσα, -ον	παιδευσό-μενος, -η, -ον	φανῶν (-έων), -ούσα, -ούν	φανού-μενος (-έο-), -η, -ον

NOTE. — For an explanation of some of the forms see § 170, notes 1-3.

## 240. First Aorist System.

## 241. Second Aorist System.

παιδεύ-ω educate.

λείπω (λοιπ-, λειπ-, λιπ-, § 14, 2)  
leave.

ACTIVE.

MIDDLE.

ACTIVE.

MIDDLE.

1st Aorist.

2d Aorist.

Indicative.	S.	1	ἐ-παίδευσα	ἐ-παιδευσά-μην	ἔ-λιπο-ν	ἐ-λιπό-μην
		2	ἐ-παίδευσας	ἐ-παιδεύσω	ἔ-λιπε-ς	ἐ-λίπου
		3	ἐ-παίδευσε	ἐ-παιδεύσα-το	ἔ-λιπε	ἐ-λίπε-το
	D.	2	ἐ-παιδεύσα-τον	ἐ-παιδεύσα-σθον	ἐ-λίπε-τον	ἐ-λίπε-σθον
		3	ἐ-παιδευσά-την	ἐ-παιδευσά-σθην	ἐ-λίπέ-την	ἐ-λίπέ-σθην
	P.	1	ἐ-παιδεύσα-μεν	ἐ-παιδευσά-μεθα	ἐ-λίπο-μεν	ἐ-λιπό-μεθα
		2	ἐ-παιδεύσα-τε	ἐ-παιδεύσα-σθε	ἐ-λίπε-τε	ἐ-λίπε-σθε
		3	ἐ-παίδευσαν	ἐ-παιδεύσαν-το	ἔ-λιπο-ν	ἐ-λίπο-ντο
Subjunctive.	S.	1	παιδεύσω	παιδεύσω-μαι	λίπω	λίπω-μαι
		2	παιδεύῃς	παιδεύῃ	λίπῃς	λίπῃ
		3	παιδεύῃ	παιδεύῃ-ται	λίπῃ	λίπῃ-ται
	D.	2	παιδεύῃ-τον	παιδεύῃ-σθον	λίπῃ-τον	λίπῃ-σθον
		3	παιδεύῃ-τον	παιδεύῃ-σθον	λίπῃ-τον	λίπῃ-σθον
	P.	1	παιδεύσω-μεν	παιδευσά-μεθα	λίπω-μεν	λιπώ-μεθα
		2	παιδεύῃ-τε	παιδεύῃ-σθε	λίπῃ-τε	λίπῃ-σθε
		3	παιδεύσωσι	παιδεύσω-νται	λίπωσι	λίπω-νται
Optative.	S.	1	παιδεύσαι-μι	παιδευσαί-μην	λίποι-μι	λιποί-μην
		2	παιδεύσειας, -σαις	παιδεύσαι-ο	λίποι-ς	λίποι-ο
		3	παιδεύσειε, -σαι	παιδεύσαι-το	λίποι	λίποι-το
	D.	2	παιδεύσαι-τον	παιδεύσαι-σθον	λίποι-τον	λίποι-σθον
		3	παιδευσαί-την	παιδευσαί-σθην	λιποί-την	λιποί-σθην
	P.	1	παιδεύσαι-μεν	παιδευσαί-μεθα	λίποι-μεν	λιποί-μεθα
		2	παιδεύσαι-τε	παιδεύσαι-σθε	λίποι-τε	λίποι-σθε
		3	παιδεύσειαν, -αιε-ν	παιδεύσαι-ντο	λίποιε-ν	λίποι-ντο
Imperative.	S.	2	παίδευσον	παίδευσαι	λίπε	λιποῦ
		3	παιδευσά-τω	παιδευσά-σθω	λίπέ-τω	λίπέ-σθω
	D.	2	παιδεύσα-τον	παιδεύσα-σθον	λίπε-τον	λίπε-σθον
		3	παιδευσά-των	παιδευσά-σθων	λίπέ-των	λίπέ-σθων
	P.	2	παιδεύσα-τε	παιδεύσα-σθε	λίπε-τε	λίπε-σθε
		3	παιδευσά-ντων	παιδευσά-σθων	λιπό-ντων	λίπέ-σθων
Infin.			παιδεύσαι	παιδεύσα-σθαι	λιπεῖν	λίπέ-σθαι
Part.			παιδεύσας, -σάσα, -σαν	παιδευσά-μενος, -η, -ον	λιπών, -ούσα, -όν	λιπό-μενος, -η, -ον

NOTE. — For an explanation of some of the forms see § 170, notes 1–3. The first aorist infinitive active *παιδεύσαι* is irregular in accent (§ 185). In the second aorist the 2d singular of the imperative middle, the infinitives active and middle, and the participle active are irregular in accent (§ 185).

## 242. First Perfect System. 243. Second Perfect System.

παιδεύ-ω educate.

λείπω (λοιπ-, λειπ-, λιπ-, § 14, 2)  
leave.

		ACTIVE.		ACTIVE.	
		1st Perfect.	1st Pluperfect.	2d Perfect.	2d Pluperfect.
Indicative.	S. 1	πε-παιδευκα	ἐ-πε-παιδεύκη	λέλοιπα	ἐ-λελοίπη
	2	πε-παιδευκα-ς	ἐ-πε-παιδεύκη-ς	λέλοιπα-ς	ἐ-λελοίπη-ς
	3	πε-παιδευκε	ἐ-πε-παιδεύκει ν,	λέλοιπε	ἐ-λελοίπει ν
	D. 2	πε-παιδεύκα-τον	ἐ-πε-παιδεύκε-τον	λελοίπα-τον	ἐ-λελοίπε-τον
	3	πε-παιδεύκα-τον	ἐ-πε-παιδεύκε-την	λελοίπα-τον	ἐ-λελοίπέ-την
	P. 1	πε-παιδεύκα-μεν	ἐ-πε-παιδεύκε-μεν	λελοίπα-μεν	ἐ-λελοίπε-μεν
	2	πε-παιδεύκα-τε	ἐ-πε-παιδεύκε-τε	λελοίπα-τε	ἐ-λελοίπε-τε
	3	πε-παιδεύκασι	ἐ-πε-παιδεύκε-σαν	λελοίπασι	ἐ-λελοίπε-σαν
Subjunctive.	S. 1	πε-παιδεύκω	(See also	λελοίπω	(See also
	2	πε-παιδεύκης	§ 221, 1.)	λελοίπης	§ 221, 1.)
	3	πε-παιδεύκη		λελοίπη	
	D. 2	πε-παιδεύκη-τον		λελοίπη-τον	
	3	πε-παιδεύκη-τον		λελοίπη-τον	
	P. 1	πε-παιδεύκω-μεν		λελοίπω-μεν	
Optative.	2	πε-παιδεύκη-τε		λελοίπη-τε	
	3	πε-παιδεύκωσι		λελοίπωσι	
	S. 1	πε-παιδεύκοι-μι or -οίη-ν	(See also	λελοίποι-μι or -οίη-ν	(See
	2	πε-παιδεύκοι-ς	· · -οίη-ς § 221, 1.)	λελοίποι-ς	· · -οίη-ς also
	3	πε-παιδεύκοι	· · -οίη	λελοίποι	· · -οίη § 221,
	D. 2	πε-παιδεύκοι-τον		λελοίποι-τον	1.)
Imperative.	3	πε-παιδεύκοι-την		λελοίποι-την	
	P. 1	πε-παιδεύκοι-μεν		λελοίποι-μεν	
	2	πε-παιδεύκοι-τε		λελοίποι-τε	
	3	πε-παιδεύκοι-ε-ν		λελοίποι-ε-ν	
	S. 2	[πε-παιδεύκε	(See also	[λέλοιπε	(See also
	3	πε-παιδεύκε-τω	§ 221, 2.)	λελοίπέ-τω	§ 221, 2.)
Infin.	D. 2	πε-παιδεύκε-τον		λελοίπε-τον	
	3	πε-παιδεύκε-των		λελοίπέ-των	
	P. 2	πε-παιδεύκε-τε		λελοίπε-τε	
Part.	3	πε-παιδεύκο-ντων]		λελοίπό-ντων]	
		πε-παιδεύκε-ναι		λελοίπέ-ναι	
		πε-παιδευκώς, -κυῖα, -κός		λελοιπώς, -υῖα, -ός	

NOTE. — For an explanation of some of the forms see § 170, notes 1-3. The infinitive and participle active are irregular in accent (§ 185).

## 244. Perfect Middle System

παιδεύ-ω *educate*

MIDDLE (PASSIVE)

	Perfect	Pluperfect	Future Perfect
Indicative.	S. 1 πε-παιδευ-μαι	ἐ-πε-παιδευ-μην	πεπαιδεύσο-μαι
	2 πε-παιδευ-σαι	ἐ-πε-παιδευ-σο	πεπαιδύσῃ or -ει
	3 πε-παιδευ-ται	ἐ-πε-παιδευ-το	πεπαιδύσε-ται
	D. 2 πε-παιδευ-σθον	ἐ-πε-παιδευ-σθον	πεπαιδύσε-σθον
	3 πε-παιδευ-σθον	ἐ-πε-παιδευ-σθην	πεπαιδύσε-σθον
	P. 1 πε-παιδευ-μεθα	ἐ-πε-παιδευ-μεθα	πεπαιδευσό-μεθα
	2 πε-παιδευ-σθε	ἐ-πε-παιδευ-σθε	πεπαιδύσε-σθε
	3 πε-παιδευ-νται	ἐ-πε-παιδευ-ντο	πεπαιδύσο-νται
Subjunctive.	S. 1 πε-παιδευμένος (-η, -ον) ᾧ	ᾧς	No Subjunctive
	2 " "	ᾗ	
	3 " "	ᾗ	
	D. 2 πε-παιδευμένω (-ᾱ, -ω) ᾗτον	ᾗτον	
	3 " "	ᾗτον	
	P. 1 πε-παιδευμένοι (-αι, -α) ᾧμεν	ᾧτε	
	2 " "	ᾧτε	
	3 " "	ᾧσι	
Optative.	S. 1 πε-παιδευμένος (-η, -ον) εἴην	εἴης	πεπαιδευσοί-μην
	2 " "	εἴης	πεπαιδύσοι-ο
	3 " "	εἴη	πεπαιδύσοι-το
	D. 2 πε-παιδευμένω (-ᾱ, -ω) εἴτον or εἴητον	εἴτην " εἴήτην	πεπαιδύσοι-σθον
	3 " "	εἴτην " εἴήτην	πεπαιδευσοί-σθην
	P. 1 πε-παιδευμένοι (-αι, -α) εἴμεν " εἴημεν	εἴτε " εἴητε	πεπαιδευσοί-μεθα
	2 " "	εἴτε " εἴητε	πεπαιδύσοι-σθε
	3 " "	εἴεν " εἴησαν	πεπαιδύσοι-ντο
Imperative.	S. 2 πε-παιδευ-σο		No Imperative
	3 πε-παιδευ-σθω		
	D. 2 πε-παιδευ-σθον		
	3 πε-παιδευ-σθων		
	P. 2 πε-παιδευ-σθε		
	3 πε-παιδευ-σθων		
Infinitive.	πε-παιδευ-σθαι		πεπαιδύσε-σθαι
Participle.	πε-παιδευ-μένος, -η, -ον		πεπαιδευσό-μενος, -η, -ον

NOTE. — The infinitive and participle of the perfect middle are irregular in accent (§ 185).

## 245. First Passive System

## 246. Second Passive System

*παιδεύ-ω educate**φαίνω (φαν-) appear*

	1st Aorist	1st Future	2d Aorist
Indicative.	S. 1 ἐ-παιδεύθη-ν	παιδευθήσο-μαι	ἐ-φάνη-ν
	2 ἐ-παιδεύθη-ς	παιδευθήσῃ or -ει	ἐ-φάνη-ς
	3 ἐ-παιδεύθη	παιδευθήσε-ται	ἐ-φάνη
	D. 2 ἐ-παιδεύθη-τον	παιδευθήσε-σθον	ἐ-φάνη-τον
	3 ἐ-παιδευθή-την	παιδευθήσε-σθον	ἐ-φάνη-την
	P. 1 ἐ-παιδεύθη-μεν	παιδευθησόμεθα	ἐ-φάνη-μεν
	2 ἐ-παιδεύθη-τε	παιδευθήσε-σθε	ἐ-φάνη-τε
	3 ἐ-παιδεύθη-σαν	παιδευθήσο-νται	ἐ-φάνη-σαν
Subjunctive.	S. 1 παιδευθῶ	No Subjunctive	φανῶ
	2 παιδευθῆς		φανῆς
	3 παιδευθῇ		φανῇ
	D. 2 παιδευθῇ-τον		φανῇ-τον
	3 παιδευθῇ-τον		φανῇ-τον
	P. 1 παιδευθῶ-μεν		φανῶ-μεν
	2 παιδευθῇ-τε		φανῇ-τε
	3 παιδευθῶσι		φανῶσι
Optative.	S. 1 παιδευθεῖ-ν	παιδευθησοί-μην	φανείη-ν
	2 παιδευθεῖ-ς	παιδευθήσοι-ο	φανείη-ς
	3 παιδευθεῖ	παιδευθήσοι-το	φανείη
	D. 2 παιδευθεῖ-τον [-εῖητον]	παιδευθήσοι-σθον	φανεί-τον [-εῖητον]
	3 παιδευθεῖ-την [-εῖητην]	παιδευθησοί-σθην	φανεί-την [-εῖητην]
	P. 1 παιδευθεῖ-μεν [-εῖημεν]	παιδευθησοί-μεθα	φανεί-μεν [-εῖημεν]
	2 παιδευθεῖ-τε [-εῖητε]	παιδευθήσοι-σθε	φανεί-τε [-εῖητε]
	3 παιδευθεῖ-ν [-εῖησαν]	παιδευθήσοι-ντο	φανεί-ν [-εῖησαν]
Imperative.	S. 2 παιδεύθη-τι	No Imperative	φάνη-θι
	3 παιδευθή-τω		φάνη-τω
	D. 2 παιδεύθη-τον		φάνη-τον
	3 παιδευθή-των		φάνη-των
	P. 2 παιδεύθη-τε		φάνη-τε
	3 παιδευθέ-ντων		φανε-ντων
Infinitive.	παιδευθῆ-ναι	παιδευθήσε-σθαι	φανῆ-ναι
Participle.	παιδευθεῖς, -είσα, -έν	παιδευθησόμενος, -η, -ον	φανεῖς, -είσα, -έν

1. The future passive of *φαίνω* (*φανήσομαι*) is inflected exactly like *παιδευθήσομαι*.

NOTE. — For an explanation of some of the forms see § 170, notes 1-3. For the accent of the aorist subjunctive and optative see § 233, 1-2. The infinitive and participle of the aorist are irregular in accent (§ 185).

247. In the perfect and pluperfect middle of stems ending in a consonant various euphonic changes occur (§ 225).

λείπω (λειπ-, § 14, 2)	ἄγω (ἄγ-)	πείθω (πειθ-, § 14, 2)	φαίνω (φαν-)
<i>leave.</i>	<i>lead.</i>	<i>persuade.</i>	<i>show.</i>

## PERFECT INDICATIVE.

S. 1	λέ-λειμ-μαι	ἦγ-μαι	πέ-πεισ-μαι	πέ-φασ-μαι
2	λέ-λειψαι	ἦξαι	πέ-πεισαι	[πέ-φαν-σαι]
3	λέ-λειπ-ται	ἦκ-ται	πέ-πεισ-ται	πέ-φαν-ται
D. 2	λέ-λειφ-θον	ἦχ-θον	πέ-πεισθον	πέ-φαν-θον
3	λέ-λειφ-θον	ἦχ-θον	πέ-πεισθον	πέ-φαν-θον
P. 1	λε-λείμ-μεθα	ἦγ-μεθα	πε-πέισ-μεθα	πε-φάσ-μεθα
2	λέ-λειφ-θε	ἦχ-θε	πέ-πεισθε	πέ-φαν-θε
3	λε-λειμ-μένοι εἰσὶ	ἦγ-μένοι εἰσὶ	πε-πεισ-μένοι εἰσὶ	πε-φασ-μένοι εἰσὶ

## PLUPERFECT INDICATIVE.

S. 1	ἐ-λε-λείμ-μην	ἦγ-μην	ἐ-πε-πέισ-μην	ἐ-πε-φάσ-μην
2	ἐ-λέ-λειψο	ἦξο	ἐ-πέ-πεισο	[ἐ-πέ-φαν-σο]
3	ἐ-λέ-λειπ-το	ἦκ-το	ἐ-πέ-πεισ-το	ἐ-πέ-φαν-το
D. 2	ἐ-λέ-λειφ-θον	ἦχ-θον	ἐ-πέ-πεισθον	ἐ-πέ-φαν-θον
3	ἐ-λε-λείφ-θην	ἦχ-θην	ἐ-πε-πέισθην	ἐ-πε-φάν-θην
P. 1	ἐ-λε-λείμ-μεθα	ἦγ-μεθα	ἐ-πε-πέισ-μεθα	ἐ-πε-φάσ-μεθα
2	ἐ-λέ-λειφ-θε	ἦχ-θε	ἐ-πέ-πεισθε	ἐ-πέ-φαν-θε
3	λε-λειμ-μένοι ἦσαν	ἦγ-μένοι ἦσαν	πε-πεισ-μένοι ἦσαν	πε-φασ-μένοι ἦσαν

## PERFECT SUBJUNCTIVE AND OPTATIVE.

λε-λειμ-μένος ᾧ	ἦγ-μένος ᾧ	πε-πεισ-μένος ᾧ	πε-φασ-μένος ᾧ
λε-λειμ-μένος εἴην	ἦγ-μένος εἴην	πε-πεισ-μένος εἴην	πε-φασ-μένος εἴην

## PERFECT IMPERATIVE.

S. 2	λέ-λειψο	ἦξο	πέ-πεισο	[πέ-φαν-σο]
3	λε-λείφ-θω	ἦχ-θω	πε-πέισθω	πε-φάν-θω
D. 2	λέ-λειφ-θον	ἦχ-θον	πέ-πεισθον	πέ-φαν-θον
3	λε-λείφ-θων	ἦχ-θων	πε-πέισθων	πε-φάν-θων
P. 2	λέ-λειφ-θε	ἦχ-θε	πέ-πεισθε	πέ-φαν-θε
3	λε-λείφ-θων	ἦχ-θων	πε-πέισθων	πε-φάν-θων

## PERFECT INFINITIVE AND PARTICIPLE.

λε-λεῖφ-θαι	ἦχ-θαι	πε-πέισ-θαι	πε-φάν-θαι
λε-λειμ-μένος	ἦγ-μένος	πε-πεισ-μένος	πε-φασ-μένος

1. Like *λέλειμαι* are inflected all stems of the perfect middle ending in a labial mute. But stems in -μπ- lose the π before all endings beginning with μ: thus *πέπεμαι* (for \*πε-πεμπ-μαι), *πέπεψαι*, etc., from *πέμπω* (πεμπ-) *send*.

2. Like *ἦγμαι* are inflected all stems of the perfect middle ending in a palatal mute. But stems in -γγ- or -γχ- lose a final mute before all endings beginning with μ: thus *ἐλήλεγμαι* (for \*ἐληλεγχ-μαι), from *ἐλέγχω* (ἐλεγχ-) *convict* (§ 179).

3. Like *πέπεισμαι* are inflected all stems of the perfect middle ending in σ or a lingual mute.

## 248. Present System of Contract Verbs in -αω

*τίμω (τίμά-ω), honor*

		ACTIVE		MIDDLE (PASSIVE)	
		Present	Imperfect	Present	Imperfect
Indicative.	S. 1	τίμῶ (-άω)	ἐτίμω-ν (-αον)	τίμῶ-μαι (-άο-)	ἐτίμώ-μην (-αό-)
	2	τίμῆς (-άεις)	ἐτίμᾱ-ς (-αες)	τίμῆ (-άῃ or -άει)	ἐτίμῶ (-άου)
	3	τίμῃ (-άει)	ἐτίμᾱ (-αε)	τίμᾱ-ται (-άε-)	ἐτίμᾱ-το (-άε-)
	D. 2	τίμᾱ-τον (-άε-)	ἐτίμᾱ-τον (-άε-)	τίμᾱ-σθον (-άε-)	ἐτίμᾱ-σθον (-άε-)
	3	τίμᾱ-τον (-άε-)	ἐτίμᾱ-την (-αέ-)	τίμᾱ-σθον (-άε-)	ἐτίμᾱ-σθην (-αέ-)
	P. 1	τίμῶ-μεν (-άο-)	ἐτίμῶ-μεν (-άο-)	τίμώ-μεθα (-αό-)	ἐτίμώ-μεθα (-αό-)
	2	τίμᾱ-τε (-άε-)	ἐτίμᾱ-τε (-άε-)	τίμᾱ-σθε (-ίε-)	ἐτίμᾱ-σθε (-άε-)
	3	τίμῶσι (-άου-)	ἐτίμῶν (-αον)	τίμῶ-νται (-άο-)	ἐτίμῶ-ντο (-άο-)
Subjunctive.	S. 1	τίμῶ (-άω)		τίμῶ-μαι (-άωμαι)	
	2	τίμῆς (-άῃς)		τίμῆ (-άῃ)	
	3	τίμῃ (-άῃ)		τίμᾱ-ται (-άῃται)	
	D. 2	τίμᾱ-τον (-άῃτον)		τίμᾱ-σθον (-άῃσθον)	
	3	τίμᾱ-τον (-άῃτον)		τίμᾱ-σθον (-άῃσθον)	
	P. 1	τίμῶ-μεν (-άωμεν)		τίμώ-μεθα (-άώμεθα)	
	2	τίμᾱ-τε (-άῃτε)		τίμᾱ-σθε (-άῃσθε)	
	3	τίμῶσι (-άωσι)		τίμῶ-νται (-άωνται)	
Optative.	S. 1	τίμῶῃ-ν (-αοί-)	[τίμῶ-μι (-άοι-)]	τίμῶ-μην (-αοίμην)	
	2	τίμῶῃ-ς (-αοί-)	[τίμῶς (-άοις)]	τίμῶ-ο (-άοιο)	
	3	τίμῶῃ (-αοί-)	[τίμῶ (-άοι)]	τίμῶ-το (-άοιτο)	
	D. 2	τίμῶ-τον (-άοίτον)		τίμῶ-σθον (-άοίσθον)	
	3	τίμῶ-την (-αοίτην)		τίμῶ-σθην (-αοίσθην)	
	P. 1	τίμῶ-μεν (-άοιμεν)		τίμῶ-μεθα (-αοίμεθα)	
	2	τίμῶ-τε (-άοιτε)		τίμῶ-σθε (-άοισθε)	
	3	τίμῶῃ-ν (-άοιεν)		τίμῶ-ντο (-άοιντο)	
Imperative.	S. 2	τίμα (-αε)		τίμῶ (-άου)	
	3	τίμᾱ-τω (-αέτω)		τίμᾱ-σθω (-αέσθω)	
	D. 2	τίμᾱ-τον (-άετον)		τίμᾱ-σθον (-άεσθον)	
	3	τίμᾱ-των (-αέτων)		τίμᾱ-σθων (-αέσθων)	
	P. 2	τίμᾱ-τε (-άετε)		τίμᾱ-σθε (-άεσθε)	
	3	τίμῶ-ντων (-αόντων)		τίμᾱ-σθων (-αέσθων)	
Infin.		τίμᾱν (-άειν)		τίμᾱ-σθαι (-άεσθαι)	
Part.		τίμῶν (-άων), -ῶσα, -ῶν		τίμῶ-μενος (-αό), -η, -ον	



249.

## Present System of Contract Verbs in -εω

φιλῶ (φιλέ-ω) *love*

## ACTIVE

## MIDDLE (PASSIVE)

## Present

## Imperfect

## Present

## Imperfect

Indicative.

S.	1	φιλῶ (-έω)	ἐφίλου-ν (-εον)	φιλοῦ-μαι (-έο-)	ἐφιλοῦ-μην (-εό-)
	2	φιλεῖς (-έεις)	ἐφίλει-ς (-εες)	φιλεῖ (-έη or -έει)	ἐφιλοῦ (-έου)
	3	φιλεῖ (-έει)	ἐφίλει (-εε)	φιλεῖ-ται (-έε-)	ἐφιλεῖ-το (-έε-)
D.	2	φιλεῖ-τον (-έε-)	ἐφιλεῖ-τον (-έε-)	φιλεῖ-σθον (-έε-)	ἐφιλεῖ-σθον (-έε-)
	3	φιλεῖ-τον (-έε-)	ἐφιλεῖ-την (-έε-)	φιλεῖ-σθον (-έε-)	ἐφιλεῖ-σθην (-έε-)
P.	1	φιλοῦ-μεν (-έο-)	ἐφιλοῦ-μεν (-έο-)	φιλοῦ-μεθα (-εό-)	ἐφιλοῦ-μεθα (-εό-)
	2	φιλεῖ-τε (-έε-)	ἐφιλεῖ-τε (-έε-)	φιλεῖ-σθε (-έε-)	ἐφιλεῖ-σθε (-έε-)
	3	φιλοῦσι (-έου-)	ἐφίλουν (-εον)	φιλοῦ-νται (-έο-)	ἐφιλοῦ-ντο (-έο-)

Subjunctive.

S.	1	φιλῶ (-έω)	φιλῶ-μαι (-έωμαι)
	2	φιλήῃς (-έῃς)	φιλήῃ (-έῃ)
	3	φιλήῃ (-έῃ)	φιλήῃ-ται (-έῃται)
D.	2	φιλήῃ-τον (-έῃτον)	φιλήῃ-σθον (-έῃσθον)
	3	φιλήῃ-τον (-έῃτον)	φιλήῃ-σθον (-έῃσθον)
P.	1	φιλῶ-μεν (-έωμεν)	φιλῶ-μεθα (-εώμεθα)
	2	φιλήῃ-τε (-έῃτε)	φιλήῃ-σθε (-έῃσθε)
	3	φιλώσι (-έωσι)	φιλῶ-νται (-έωνται)

Optative.

S.	1	φιλοίη-ν (-εοί-) [φιλοῖ-μι (-έοι-)]	φιλοῖ-μην (-εοίμην)
	2	φιλοίη-ς (-εοί-) [φιλοῖ-ς (-έοις)]	φιλοῖ-ο (-έοιο)
	3	φιλοίη (-εοί-) [φιλοῖ (-έοι)]	φιλοῖ-το (-έοιτο)
D.	2	φιλοῖ-τον (-έοιτον)	φιλοῖ-σθον (-έοισθον)
	3	φιλοῖ-την (-εοίτην)	φιλοῖ-σθην (-εοίσθην)
P.	1	φιλοῖ-μεν (-έοιμεν)	φιλοῖ-μεθα (-εοίμεθα)
	2	φιλοῖ-τε (-έοιτε)	φιλοῖ-σθε (-έοισθε)
	3	φιλοῖε-ν (-έοιεν)	φιλοῖ-ντο (-έοιντο)

Imperative.

S.	2	φίλει (-εε)	φιλοῦ (-έου)
	3	φιλεί-τω (-εέτω)	φιλεί-σθω (-εέσθω)
D.	2	φιλεί-τον (-έετον)	φιλεί-σθον (-έεσθον)
	3	φιλεί-των (-εέτων)	φιλεί-σθων (-εέσθων)
P.	2	φιλεί-τε (-έετε)	φιλεί-σθε (-έεσθε)
	3	φιλοῦ-ντων (-εόντων)	φιλεί-σθων (-εέσθων)

Infin.

φιλεῖν (-έειν)

φιλεῖ-σθαι (-έεσθαι)

Part.

φιλῶν (-έων), -οῦσα, -οῦν

φιλοῦ-μενος (-εό-), -η, -ον

## 250. Present System of Contract Verbs in -ω

δηλῶ (δηλό-ω) manifest

		ACTIVE		MIDDLE (PASSIVE)	
		Present	Imperfect	Present	Imperfect
Indicative.	S. 1	δηλῶ (-όω)	ἐδήλου-ν (-οον)	δηλοῦ-μαι (-όο-)	ἐδηλού-μην (-οό-)
	2	δηλοῖς (-όεις)	ἐδήλου-ς (-οες)	δηλοῖ (-όη-/-όει)	ἐδηλοῦ (-όου)
	3	δηλοῖ (-όει)	ἐδήλου (-οε)	δηλοῦ-ται (-όε-)	ἐδηλοῦ-το (-όε-)
	D. 2	δηλοῦ-τον (-όε-)	ἐδηλοῦ-τον (-όε-)	δηλοῦ-σθον (-όε-)	ἐδηλοῦ-σθον (-όε-)
	3	δηλοῦ-τον (-όε-)	ἐδηλοῦ-την (-οέ-)	δηλοῦ-σθον (-όε-)	ἐδηλοῦ-σθην (-οέ-)
	P. 1	δηλοῦ-μεν (-όο-)	ἐδηλοῦ-μεν (-όο-)	δηλοῦ-μεθα (-οό-)	ἐδηλοῦ-μεθα (-οό-)
	2	δηλοῦ-τε (-όε-)	ἐδηλοῦ-τε (-όε-)	δηλοῦ-σθε (-όε-)	ἐδηλοῦ-σθε (-όε-)
	3	δηλοῦσι (-όου-)	ἐδήλουν (-οοον)	δηλοῦ-νται (-όο-)	ἐδηλοῦ-ντο (-όο-)
Subjunctive.	S. 1	δηλῶ (-όω)		δηλῶ-μαι (-όωμαι)	
	2	δηλοῖς (-όῃς)		δηλοῖ (-όῃ)	
	3	δηλοῖ (-όῃ)		δηλῶ-ται (-όῃται)	
	D. 2	δηλῶ-τον (-όῃτον)		δηλῶ-σθον (-όῃσθον)	
	3	δηλῶ-τον (-όῃτον)		δηλῶ-σθον (-όῃσθον)	
	P. 1	δηλῶ-μεν (-όωμεν)		δηλῶ-μεθα (-οώμεθα)	
	2	δηλῶ-τε (-όῃτε)		δηλῶ-σθε (-όῃσθε)	
	3	δηλώσι (-όωσι)		δηλῶ-νται (-όωνται)	
Optative.	S. 1	δηλοίη-ν (-οοί-)	[δηλοῖ-μι (-όοι-)]	δηλοῖ-μην (-οοίμην)	
	2	δηλοίη-ς (-οοί-)	[δηλοῖ-ς (-όοις)]	δηλοῖ-ο (-όοιο)	
	3	δηλοίη (-οοί-)	[δηλοῖ (-όοι)]	δηλοῖ-το (-όοιτο)	
	D. 2	δηλοῖ-τον (-όοιτον)		δηλοῖ-σθον (-όοισθον)	
	3	δηλοῖ-την (-οοίτην)		δηλοῖ-σθην (-οοίσθην)	
	P. 1	δηλοῖ-μεν (-όοιμεν)		δηλοῖ-μεθα (-οοίμεθα)	
	2	δηλοῖ-τε (-όοιτε)		δηλοῖ-σθε (-όοισθε)	
	3	δηλοῖε-ν (-όοιεν)		δηλοῖ-ντο (-όοιντο)	
Imperative.	S. 2	δήλου (-οε)		δηλοῦ (-όου)	
	3	δηλού-τω (-οέτω)		δηλού-σθω (-οέσθω)	
	D. 2	δηλοῦ-τον (-όετον)		δηλοῦ-σθον (-όεσθον)	
	3	δηλού-των (-οέτων)		δηλού-σθων (-οέσθων)	
	P. 2	δηλοῦ-τε (-όετε)		δηλοῦ-σθε (-όεσθε)	
	3	δηλού-ντων (-οόντων)		δηλού-σθων (-οέσθων)	
Infin.		δηλοῦν (-όειν)		δηλοῦ-σθαι (-όεσθαι)	
Part.		δηλῶν (-όων), -οῦσα, -οῦν		δηλού-μενος (-οό-), -η, -ον	

251.

## Present System.

*τίθημι (θε-, θη) put.*

		ACTIVE.		MIDDLE (PASSIVE).	
		Present.	Imperfect.	Present.	Imperfect.
Indicative.	S. 1	τί-θη-μι	ἔ-τί-θη-ν	τί-θε-μαι	ἔ-τι-θέ-μην
	2	τί-θη-ς, τιθεῖς	ἔ-τί-θεις	τί-θε-σαι	ἔ-τί-θε-σο
	3	τί-θη-σι	ἔ-τί-θει	τί-θε-ται	ἔ-τί-θε-το
	D. 2	τί-θε-τον	ἔ-τί-θε-τον	τί-θε-σθον	ἔ-τί-θε-σθον
	3	τί-θε-τον	ἔ-τι-θέ-την	τί-θε-σθον	ἔ-τι-θέ-σθην
	P. 1	τί-θε-μεν	ἔ-τί-θε-μεν	τι-θέ-μεθα	ἔ-τι-θέ-μεθα
	2	τί-θε-τε	ἔ-τί-θε-τε	τί-θε-σθε	ἔ-τί-θε-σθε
	3	τι-θέ-ασι	ἔ-τί-θε-σαν	τί-θε-νται	ἔ-τί-θε-ντο
Subjunctive.	S. 1	τι-θῶ		τι-θῶ-μαι	
	2	τι-θῇ-ς		τι-θῇ	
	3	τι-θῇ		τι-θῇ-ται	
	D. 2	τι-θῇ-τον		τι-θῇ-σθον	
	3	τι-θῇ-τον		τι-θῇ-σθον	
	P. 1	τι-θῶ-μεν		τι-θῶ-μεθα	
Optative.	2	τι-θῇ-τε		τι-θῇ-σθε	
	3	τι-θῶ-σι		τι-θῶ-νται	
	S. 1	τι-θείη-ν		τι-θεί-μην or τι-θοί-μην	
	2	τι-θείη-ς		τι-θεί-ο	τι-θοί-ο
	3	τι-θείη		τι-θεί-το	τι-θοί-το
	D. 2	τι-θεί-τον [τι-θείη-τον]		τι-θεί-σθον	τι-θοί-σθον
Imperative.	3	τι-θεί-την [τι-θείη-την]		τι-θεί-σθην	τι-θοί-σθην
	P. 1	τι-θεί-μεν [τι-θείη-μεν]		τι-θεί-μεθα	τι-θοί-μεθα
	2	τί-θεί-τε [τι-θείη-τε]		τι-θεί-σθε	τι-θοί-σθε
	3	τι-θεί-ν [τι-θείη-σαν]		τι-θεί-ντο	τι-θοί-ντο
	S. 2	τί-θει		τί-θε-σο	
	3	τι-θέ-τω		τι-θέ-σθω	
Infin.	D. 2	τί-θε-τον		τί-θε-σθον	
	3	τι-θέ-των		τι-θέ-σθων	
	P. 2	τί-θε-τε		τί-θε-σθε	
Part.	3	τι-θέ-ντων		τι-θέ-σθων	
		τι-θέ-ναι		τι-θέ-σθαι	
		τι-θείς, -είσα, -έν		τι-θέ-μενος, -η, -ον	

NOTE. — For an explanation of some of the forms see § 170, notes 1-3. For the contraction in the subjunctive and optative see § 200, 1. For the third person plural of the present indicative active see § 167, note 3. The infinitive and participle active are irregular in accent (§ 185). For *τιθεῖς*, *ἐτίθει*, *τίθει*, and the optative *τιθοίμην*, see § 170, 4.

## 252.

## Present System.

δίδωμι (δο-, δω-) give.

		ACTIVE.		MIDDLE (PASSIVE).	
		Present.	Imperfect.	Present.	Imperfect.
Indicative.	S. 1	δί-δω-μι	ἐ-δί-δουν	δί-δο-μαι	ἐ-δι-δό-μην
	2	δί-δω-ς	ἐ-δί-δους	δί-δο-σαι	ἐ-δί-δο-σο
	3	δί-δω-σι	ἐ-δί-δου	δί-δο-ται	ἐ-δί-δο-το
	D. 2	δί-δο-τον	ἐ-δί-δο-τον	δί-δο-σθον	ἐ-δί-δο-σθον
	3	δί-δο-τον	ἐ-δι-δό-την	δί-δο-σθον	ἐ-δι-δό-σθην
	P. 1	δί-δο-μεν	ἐ-δί-δο-μεν	δι-δό-μεθα	ἐ-δι-δό-μεθα
Subjunctive.	2	δί-δο-τε	ἐ-δί-δο-τε	δί-δο-σθε	ἐ-δί-δο-σθε
	3	δι-δό-ᾱσι	ἐ-δί-δο-σαν	δί-δο-νται	ἐ-δί-δο-ντο
	S. 1	δι-δῶ		δι-δῶ-μαι	
	2	δι-δῶ-ς		δι-δῶ	
	3	δι-δῶ		δι-δῶ-ται	
	D. 2	δι-δῶ-τον		δι-δῶ-σθον	
Optative.	3	δι-δῶ-τον		δι-δῶ-σθον	
	P. 1	δι-δῶ-μεν		δι-δῶ-μεθα	
	2	δι-δῶ-τε		δι-δῶ-σθε	
	3	δι-δῶ-σι		δι-δῶ-νται	
	S. 1	δι-δοίη-ν		δι-δοί-μην	
	2	δι-δοίη-ς		δι-δοί-ο	
Imperative.	3	δι-δοίη		δι-δοί-το	
	D. 2	δι-δοῖ-τον [δι-δοίη-τον]		δι-δοῖ-σθον	
	3	δι-δοί-την [δι-δοίη-την]		δι-δοί-σθην	
	P. 1	δι-δοῖ-μεν [δι-δοίη-μεν]		δι-δοί-μεθα	
	2	δι-δοῖ-τε [δι-δοίη-τε]		δι-δοῖ-σθε	
	3	δι-δοῖε-ν [δι-δοίη-σαν]		δι-δοῖ-ντο	
Infinitive.	S. 2	δί-δου		δί-δο-σο	
	3	δι-δό-τω		δι-δό-σθω	
	D. 2	δί-δο-τον		δί-δο-σθον	
	3	δι-δό-των		δι-δό-σθων	
	P. 2	δί-δο-τε		δί-δο-σθε	
	3	δι-δό-ντων		δι-δό-σθων	
Part.		δι-δός-ναι		δί-δο-σθαι	
Part.		δι-δούς, -οὔσα, -όν		δι-δό-μενος, -η, -ον	

NOTE. — For an explanation of some of the forms see § 170, notes 1–3. For the contraction in the subjunctive and optative see § 200, 1. For the third person plural of the present indicative active see § 167, note 3. The infinitive and participle active are irregular in accent (§ 185). For *ἐδίδουν*, *ἐδίδους*, *ἐδίδου*, and *δίδου*, see § 170, 4.

253.

## Present System.

ἴστημι (στα-, στή-) *set*.

		ACTIVE.		MIDDLE (PASSIVE).	
		Present.	Imperfect.	Present.	Imperfect.
Indicative.	S. 1	ἴ-στη-μι	ἴ-στη-ν	ἴ-στα-μαι	ἴ-στά-μην
	2	ἴ-στη-ς	ἴ-στη-ς	ἴ-στα-σαι	ἴ-στα-σο
	3	ἴ-στη-σι	ἴ-στη	ἴ-στα-ται	ἴ-στα-το
	D. 2	ἴ-στα-τον	ἴ-στα-τον	ἴ-στα-σθον	ἴ-στα-σθον
	3	ἴ-στα-τον	ἴ-στά-την	ἴ-στα-σθον	ἴ-στά-σθην
	P. 1	ἴ-στα-μεν	ἴ-στα-μεν	ἴ-στά-μεθα	ἴ-στά-μεθα
	2	ἴ-στα-τε	ἴ-στα-τε	ἴ-στα-σθε	ἴ-στα-σθε
	3	ἴ-στά-σι	ἴ-στα-σαν	ἴ-στα-νται	ἴ-στα-ντο
Subjunctive.	S. 1	ἴ-στῶ		ἴ-στῶ-μαι	
	2	ἴ-στῇ-ς		ἴ-στῇ	
	3	ἴ-στῇ		ἴ-στῇ-ται	
	D. 2	ἴ-στῇ-τον		ἴ-στῇ-σθον	
	3	ἴ-στῇ-τον		ἴ-στῇ-σθον	
	P. 1	ἴ-στῶ-μεν		ἴ-στῶ-μεθα	
Optative.	2	ἴ-στῇ-τε		ἴ-στῇ-σθε	
	3	ἴ-στῶ-σι		ἴ-στῶ-νται	
	S. 1	ἴ-σταίη-ν		ἴ-σταί-μην	
	2	ἴ-σταίη-ς		ἴ-σταί-ο	
	3	ἴ-σταίη		ἴ-σταί-το	
	D. 2	ἴ-σταί-τον [ἴ-σταίη-τον]		ἴ-σταί-σθον	
Imperative.	3	ἴ-σταί-την [ἴ-σταίη-την?]		ἴ-σταί-σθην	
	P. 1	ἴ-σταί-μεν [ἴ-σταίη-μεν]		ἴ-σταί-μεθα	
	2	ἴ-σταί-τε [ἴ-σταίη-τε]		ἴ-σταί-σθε	
	3	ἴ-σταίε-ν [ἴ-σταίη-σαν]		ἴ-σταί-ντο	
	S. 2	ἴ-στη		ἴ-στα-σο	
	3	ἴ-στά-τω		ἴ-στά-σθω	
Infinitive.	D. 2	ἴ-στα-τον		ἴ-στα-σθον	
	3	ἴ-στά-των		ἴ-στά-σθων	
	P. 2	ἴ-στα-τε		ἴ-στα-σθε	
Participle.	3	ἴ-στά-ντων		ἴ-στά-σθων	
		ἴ-στά-ναι		ἴ-στα-σθαι	
		ἴ-στάς, -άσα, -άν		ἴ-στά-μενος, -η, -ον	

NOTE. — For an explanation of some of the forms see § 170, notes 1-3. For the contraction in the subjunctive and optative see § 200, 1. For the third person plural of the present indicative active see § 167, note 3.

The infinitive and participle active are irregular in accent (§ 185).

## 254.

## Present System

δείκνῦμι (δεικ-, present stem δεικνυ-. § 196, 5) *show*

		ACTIVE		MIDDLE (PASSIVE)	
		Present	Imperfect	Present	Imperfect
Indicative.	S. 1	δείκνῦ-μι	ἐ-δείκνῦ-ν	δείκνυ-μαι	ἐ-δείκνῦ-μην
	2	δείκνῦ-ς	ἐ-δείκνῦ-ς	δείκνυ-σαι	ἐ-δείκνυ-σο
	3	δείκνῦ-σι	ἐ-δείκνῦ	δείκνυ-ται	ἐ-δείκνυ-το
	D. 2	δείκνυ-τον	ἐ-δείκνυ-τον	δείκνυ-σθον	ἐ-δείκνυ-σθον
	3	δείκνυ-τον	ἐ-δείκνῦ-την	δείκνυ-σθον	ἐ-δείκνῦ-σθην
	P. 1	δείκνυ-μεν	ἐ-δείκνυ-μεν	δείκνῦ-μεθα	ἐ-δείκνῦ-μεθα
Subjunctive.	2	δείκνυ-τε	ἐ-δείκνυ-τε	δείκνυ-σθε	ἐ-δείκνυ-σθε
	3	δείκνῦ-ᾱσι	ἐ-δείκνυ-σαν	δείκνυ-νται	ἐ-δείκνυ-ντο
	S. 1	δεικνύω		δεικνύμαι	
	2	δεικνύης		δεικνύῃ	
	3	δεικνύῃ etc., from		δεικνύηται etc., from	
		δεικνύω <i>show</i> , inflected like παιδεύω, § 237.		δεικνύω <i>show</i> , inflected like παιδεύω, § 237.	
Optative.	S. 1	δεικνύοιμι		δεικνυοίμην	
	2	δεικνύοις		δεικνύοιο	
	3	δεικνύοι etc., from		δεικνύοιτο etc., from	
		δεικνύω <i>show</i> , inflected like παιδεύω, § 237.		δεικνύω <i>show</i> , inflected like παιδεύω, § 237.	
	S. 2	δείκνῦ		δείκνυ-σο	
	3	δεικνύ-τω		δεικνύ-σθω	
Imperative.	D. 2	δείκνυ-τον		δείκνυ-σθον	
	3	δεικνύ-των		δεικνύ-σθων	
	P. 2	δείκνυ-τε		δείκνυ-σθε	
	3	δεικνύ-ντων		δεικνύ-σθων	
Infin.		δείκνῦ-ναι		δείκνυ-σθαι	
Part.		δείκνῦς, -ῦσα, -ῦν		δείκνῦ-μενος, -η, -ον	

NOTE. — For an explanation of some of the forms see § 170, notes 1-3.  
For the third person plural of the present indicative active see § 167, note 3.  
The infinitive and participle active are irregular in accent (§ 185).

255.

## Second Aorist System

256.

τίθημι (θε-, θη-) put

δίδωμι (δο-, δω-) give

	ACTIVE	MIDDLE	ACTIVE	MIDDLE
Indicative.	S. 1 (ἔθηκα)	ἔ-θέ-μην	(ἔδωκα)	ἔ-δό-μην
	2 (ἔθηκας)	ἔ-θου	(ἔδωκας)	ἔ-δου
	3 (ἔθηκε)	ἔ-θε-το	(ἔδωκε)	ἔ-δο-το
	D. 2 ἔ-θε-τον	ἔ-θε-σθον	ἔ-δο-τον	ἔ-δο-σθον
	3 ἔ-θέ-την	ἔ-θέ-σθην	ἔ-δό-την	ἔ-δό-σθην
	P. 1 ἔ-θε-μεν	ἔ-θέ-μεθα	ἔ-δο-μεν	ἔ-δό-μεθα
	2 ἔ-θε-τε	ἔ-θε-σθε	ἔ-δο-τε	ἔ-δο-σθε
	3 ἔ-θε-σαν	ἔ-θε-ντο	ἔ-δο-σαν	ἔ-δο-ντο
Subjunctive.	S. 1 θῶ	θῶ-μαι	δῶ	δῶ-μαι
	2 θῇ-ς	θῇ	δῶ-ς	δῶ
	3 θῇ	θῇ-ται	δῶ	δῶ-ται
	D. 2 θῇ-τον	θῇ-σθον	δῶ-τον	δῶ-σθον
	3 θῇ-τον	θῇ-σθον	δῶ-τον	δῶ-σθον
	P. 1 θῶ-μεν	θῶ-μεθα	δῶ-μεν	δῶ-μεθα
	2 θῇ-τε	θῇ-σθε	δῶ-τε	δῶ-σθε
	3 θῶ-σι	θῶ-νται	δῶ-σι	δῶ-νται
Optative.	S. 1 θείη-ν	θεί-μην	δοίη-ν	δοί-μην
	2 θείη-ς	θεί-ο	δοίη-ς	δοί-ο
	3 θείη	θεί-το, θοίτο	δοίη	δοί-το
	D. 2 θεί-τον [θείη-τον]	θεί-σθον	δοί-τον [δοίη-τον]	δοί-σθον
	3 θεί-την [θείη-την]	θεί-σθην	δοί-την [δοίη-την]	δοί-σθην
	P. 1 θεί-μεν [θείη-μεν]	θεί-μεθα, θοίμεθα	δοί-μεν [δοίη-μεν]	δοί-μεθα
	2 θεί-τε [θείη-τε]	θεί-σθε, θοίσθε	δοί-τε [δοίη-τε]	δοί-σθε
	3 θεί-ν [θείη-σαν]	θεί-ντο, θοί-ντο	δοί-ν [δοίη-σαν]	δοί-ντο
Imperative.	S. 2 θέ-ς	θοῦ	δό-ς	δοῦ
	3 θέ-τω	θέ-σθω	δό-τω	δό-σθω
	D. 2 θέ-τον	θέ-σθον	δό-τον	δό-σθον
	3 θέ-των	θέ-σθων	δό-των	δό-σθων
	P. 2 θέ-τε	θέ-σθε	δό-τε	δό-σθε
	3 θέ-ντων	θέ-σθων	δό-ντων	δό-σθων
Infinitive.	θεῖ-ναι	θέ-σθαι	δοῦ-ναι	δό-σθαι
Participle.	θεῖς, θεῖσα, θέ-ν	θέ-μενος, -η, -ον	δούς, δοῦσα, δό-ν	δό-μενος, -η, -ον

NOTE. — For an explanation of some of the forms see § 170, notes 1-3. For the contraction in the subjunctive and optative see § 211, 1-2. For the singular of the indicative active see §§ 205 and 211, 3.



## 257.

## Second Aorist System

	ἴστημι (στα-, στή-) set	δύ-ω enter	ἐπριάμην bought
	ACTIVE	ACTIVE	MIDDLE
Indicative.	S. 1 ἔ-στη-ν stood	ἔ-δῦ-ν	ἐπριά-μην
	2 ἔ-στη-ς	ἔ-δῦ-ς	ἐπρίω
	3 ἔ-στη	ἔ-δῦ	ἐπρία-το
	D. 2 ἔ-στη-τον	ἔ-δῦ-τον	ἐπρία-σθον
	3 ἐ-στή-την	ἐ-δῦ-την	ἐπρία-σθην
	P. 1 ἔ-στη-μεν	ἔ-δῦ-μεν	ἐπρία-μεθα
	2 ἔ-στη-τε	ἔ-δῦ-τε	ἐπρία-σθε
	3 ἔ-στη-σαν	ἔ-δῦ-σαν	ἐπρία-ντο
Subjunctive.	S. 1 στῶ	δύω	πρίω-μαι
	2 στῆ-ς	δύης	πρίη
	3 στῆ	δύη	πρίη-ται
	D. 2 στῆ-τον	δύητον	πρίη-σθον
	3 στῆ-τον	δύητον	πρίη-σθον
	P. 1 στῶ-μεν	δύωμεν	πρίω-μεθα
	2 στῆ-τε	δύητε	πρίη-σθε
	3 στῶ-σι	δύωσι	πρίω-νται
Optative.	S. 1 σταίη-ν	No optative is found in Attic. Cf. § 211, 2 a.	πρίαι-μην
	2 σταίη-ς		πρίαι-ο
	3 σταίη		πρίαι-το
	D. 2 σταί-τον [σταίη-τον]		πρίαι-σθον
	3 σταί-την [σταίη-την]		πρίαι-σθην
	P. 1 σταί-μεν [σταίη-μεν]		πρίαι-μεθα
	2 σταί-τε [σταίη-τε]		πρίαι-σθε
Imperative.	3 σταίε-ν [σταίη-σαν]		πρίαι-ντο
	S. 2 στή-θι	δῦ-θι	πρίω
	3 στή-τω	δῦ-τω	πρία-σθω
	D. 2 στή-τον	δῦ-τον	πρία-σθον
	3 στή-των	δῦ-των	πρία-σθων
	P. 2 στή-τε	δῦ-τε	πρία-σθε
	3 στά-ντων	δῦ-ντων	πρία-σθων
Infin.	στή-ναι	δῦ-ναι	πρία-σθαι
Part.	στάς, στάσα, στά-ν	δύς, δῦσα, δύ-ν	πρία-μενος

NOTE. — For an explanation of some of the forms see § 170, notes 1-3. For the contraction in the subjunctive and optative of ἔστην see § 211, 1-2. The subjunctive and optative of ἐπριάμην are accented as if uncontracted (§ 211, 2, note).

## 258. Second Perfect System without Suffix (§ 220)

*ἴστημι (στα-, στή-) set*

SECOND PERFECT ACTIVE		SECOND PLUPERFECT ACTIVE
Indicative	Subjunctive	Indicative
S. 1 (ἴστηκα) <i>stand</i>	ἴστω, etc.	(εἰστήκη)
2 (ἴστηκας)	(like στώ, § 257)	(εἰστήκης)
3 (ἴστηκε)	Optative	(εἰστήκει)
D. 2 ἔ-στα-τον	ἔ-σταίη-ν, etc.	ἔ-στα-τον
3 ἔ-στα-τον	(like σταίην, § 257)	ἔ-στά-την
P. 1 ἔ-στα-μεν	Imperative	ἔ-στα-μεν
2 ἔ-στα-τε	S. 2 ἔ-στα-θι	ἔ-στα-τε
3 ἔ-στάσι	3 ἔ-στά-τω, etc.	ἔ-στα-σαν
Infinitive	Participle	
ἔ-στά-ναι	ἔ-στώς, ἔ-στώσα, ἔ-στός (§ 131, note)	

259. *Οἶδα* (for \**φοῖδα* (§ 2 a), stem *οἶδ-*, *εἶδ-*, *ἰδ-*, § 14, 2), a perfect with present meaning, is formed without reduplication. Its inflection (somewhat irregular) is as follows:

SECOND PERFECT				SECOND PLUPERFECT
Indicative	Subjunctive	Optative	Imperative	Indicative
S. 1 οἶδα	εἰδῶ	εἰδείην		ἦδη [ἦδεν]
2 οἶσθα	εἰδῆς	εἰδείης	ἴσθι	ἦδησθα
3 οἶδε	εἰδῆ	εἰδείη	ἴστω	ἦδει(ν)
D. 2 ἴστον	εἰδέητον	εἰδείτον	ἴστον	ἦστον
3 ἴστον	εἰδέητον	εἰδείτην	ἴστων	ἦστην
P. 1 ἴσμεν	εἰδῶμεν	εἰδείμεν [-εἰήμεν]		ἦσμεν
2 ἴστε	εἰδέητε	εἰδέιτε [-εἰήτε]	ἴστε	ἦστε
3 ἴσασι	εἰδώσι	εἰδείεν [-εἰήσαν]	ἴστων	ἦσαν, ἦδεσαν
Infinitive	Participle			
εἰδέναι	εἰδώς, εἰδυῖα, εἰδός; gen. εἰδότος, etc. (§ 131)			

259 a. Ionic occasionally has other (regular) forms from the stem *οἶδα-*: thus *οἶδας*, *οἶδαμεν*, *οἶδᾶσι*.

b. Homer has perf. 1st plur. *ἴδμεν*; pluperf. *ἦδεα*, *ἦδησθα* (*ἡείδης*), *ἦδεε* or *ἦδει* (*ἡείδει*), 3d plur. *ἴσαν*; subj. 1st sing. *εἰδέω*, *εἰδῶ*, *ἰδέω*; plur. *εἶδομεν* (§ 160 a), *εἶδετε* (§ 160 a), *εἰδώσι*: infin. *ἰδμεναι*, *ἴδμεν* (§ 167 e): fem. participle *ἰδυῖα*. Future *εἴσομαι* and *εἰδήσομαι*.

c. Herodotus has 1st plur. *ἴδμεν*: pluperf. 1st sing. *ἦδεα*, 3d sing. *ἦδεε*, 2d plur. *ἦδέατε*; future *εἰδήσω*.

260. Ἰημι (theme ἐ-, ῆ-) *send* is inflected nearly like *τίθημι* (§§ 251, 255). The present and second aorist systems are inflected as follows:

ACTIVE			MIDDLE (PASSIVE)		
PRESENT		IMPERFECT	PRESENT		IMPERFECT
Indicative	Subjunctive	Indicative	Indicative	Subjunctive	Indicative
S 1 Ἰημι	ἴω	Ἰην	ἴμαι	ἴωμαι	ἴμην
2 Ἰης, ἴῃς	ἴῃς	ἴεις	ἴσαι	ἴῃ	ἴσο
3 Ἰησι	ἴῃ, etc.	ἴει	ἴεται	ἴῃται, etc.	ἴετο
D. 2 ἴετον	Optative	ἴετον	ἴεσθον	Optative	ἴεσθον
3 ἴετον	ἴείην	ἴέτην	ἴεσθον	ἴείμην	ἴέσθην
P. 1 ἴμεν	ἴείης	ἴμεν	ἴμεθα	ἴειο	ἴεμεθα
2 ἴετε	ἴείη	ἴετε	ἴεσθε	ἴειτο	ἴεσθε
3 ἴασι	ἴέιτον	ἴεσαν	ἴενται	ἴεισθον	ἴεντο
	ἴείτην			ἴεισθην	
Imperative	ἴεμεν, etc.		Imperative	ἴεμεθα, etc.	
ἴει			ἴεσο		
ἴετω, etc.			ἴεσθω, etc.		
Infinitive	Participle		Infinitive	Participle	
ἴεναι	ἴείς, ἴείσα, ἴέν		ἴεσθαι	ἴέμενος, -η, -ον	
SECOND AORIST			SECOND AORIST		
Indicative	Subjunctive		Indicative	Subjunctive	
S. 1 (ῆκα)	ῶ		εἴμην	ῶμαι	
2 (ῆκας)	ῆς		εἴσο	ῆ	
3 (ῆκε)	ῆ, etc.		εἴτο	ῆται, etc.	
D. 2 εἴτον	Optative.		εἴσθον	Optative.	
3 εἴτην	εἴην		εἴσθην	εἴμην	
P. 1 εἴμεν	εἴης		εἴμεθα	εἴο	
2 εἴτε	εἴη		εἴσθε	εἴτο	
3 εἴσαν	εἴτον		εἴντο	εἴσθον	
	εἴτην			εἴσθην	
Imperative	εἴμεν, etc.		Imperative	εἴμεθα, etc.	
ἔς			οὔ		
ἔτω, etc.			ἔσθω, etc.		
Infinitive	Participle		Infinitive	Participle	
εἶναι	εἶς, εἴσα, εἶν		εἶσθαι	εἶμενος, -η, -ον	

In the optative, forms of the -ω inflection (ῥοιτε, ῥοιεν, οἶτο) are sometimes found (§ 170, 4).

The future of ἔημι is ἥσω; perfect εἶκα, εἶμαι; aorist passive εἶθην. The aorists and the perfect hardly ever occur except in compounds.

**261.** Εἶμι (theme ἰ-, εἰ-; Latin *eo, ire*) *go* has only the present system.

PRESENT.				IMPERFECT
Indicative	Subjunctive	Optative	Imperative	Indicative.
S. 1 εἶμι	ἔω	ῥοιμι, ῥοίην		ῆα [ῆειν]
2 εἶ	ἔης	ῥοις	ἔθι	ῆεσθα [ῆεις]
3 εἶσι	ἔη	ῥοι	ἔτω	ῆει [ῆειν]
D. 2 ἔτον	ἔητον	ῥοιτον	ἔτον	ῆτον
3 ἔτον	ἔητον	ῥοίτην	ἔτων	ῆτην
P. 1 ἔμεν	ἔωμεν	ῥοιμεν		ῆμεν
2 ἔτε	ἔητε	ῥοιτε	ἔτε	ῆτε
3 ἔασι	ἔωσι	ῥοιεν	λόντων, ἔτωσαν	ῆσαν, ῆεσαν
Infinitive		Participle	Verbal Adjectives	
λέναι		λών, λούσα, λόν; gen. λόντος, λούσης, etc.	λτός, λτός (λιτητός, from λῶ (-άω) <i>go</i>	

1. Compounds of εἶμι have recessive accent in the present except in the infinitive and participle: thus *πάρειμι approach*, *πάρει*, etc. Imperf. *παρῆα* (§ 184, 1), etc., but infin. *παριέναι*, participle *παριών*.

2. The present indicative of εἶμι, in prose (and almost always in poetry), has a future meaning *shall go* (cf. § 524, note).

**260 a.** Homer almost always has ἔημι with short *i*. For *ἔει* (3d singular) and *ἔεισι* (3d plural) see §§ 170, 4 a, and 200 b. In the aorist indicative he has ἔηκα and ἔηκα (with irregular augment). In the aorist subjunctive he has ἔη and ἔη (cf. § 211, 1 a). For the imperfect indicative 1st singular the Mss. give *ἔειν*, but this must be a mistake for ἔην.

**261 a.** Homer has also present indicative 2d sing. *εἶσθα*. Imperfect 1st sing. ἥϊα, ἥϊον; 3d sing. ἥϊε, ἥϊε, ἔε; 3d dual ἔτην, 1st plur. ἥομεν; 3d plur. ἥϊσαν, ἔσαν, ἥϊον. Subjunctive 2d sing. ἔησθα; 3d sing. ἔησι; 1st plur. ἔομεν (§ 160 a). Optative 3d sing. *ἔιη*. Infinitive ἔμεναι, ἔμεν (§ 167 e). Future *ἔισμαι*.

b. Herodotus has imperf. 1st sing. ἥϊα; 3d sing. ἥϊε, 3d plur. ἥϊσαν.

**262.** Εἰμί (theme ἐσ-; Latin *es-se*) *be* has only the present and future systems.

PRESENT.				IMPERFECT
Indicative	Subjunctive	Optative	Imperative	Indicative
S. 1 εἰμί	ᾧ	εἴην		ἦ, ἦν
2 εἶ	ᾗς	εἴης	ἴσθι	ἦσθα
3 ἐστί	ᾗ	εἴη	ἔστω	ἦν
D. 2 ἐστόν	ᾗτον	εἴτον, εἴητον	ἔστων	ἦστων
3 ἐστόν	ᾗτον	εἴτην, εἴήτην	ἔστων	ἦστην
P. 1 ἐσμέν	ᾧμεν	εἴμεν, εἴημεν		ἦμεν
2 ἐστέ	ᾗτε	εἴτε, εἴητε	ἔστε	ἦτε, ἦσθε
3 εἰσὶ	ᾧσι	εἴεν, εἴησαν	ἔστων, ἔστωσαν	ἦσαν
Infin. εἶναι                      Partic. ὦν. οὔσα, ὄν, gen. ὄντος. οὔσης. etc. (§ 129)				

FUTURE indicative ἔσομαι, etc. (3d sing. ἔσται (§ 20)); optative ἐσοίμην, etc.; infinitive ἔσεσθαι; participle ἐσόμενος, -η, -ον.

NOTE.—The present indicative εἰμί is for \*ἐσ-μι (§ 16): εἶ is for \*ἐσι (originally ἐσ-σί); ἐσ-τί retains the original ending τι. The subjunctive ᾧ is for ἔω, from \*ἐσ-ω; the optative εἴην is for \*ἐσ-ιην. The infinitive εἶναι is for \*ἐσ-ναι; the participle ὦν is for ἐών, from \*ἐσ-ων.

1. All forms of the present indicative, except the second person singular εἶ, are enclitic (§ 70). But the third person

### 262 a. Homer has

Present indicative 2d sing. ἐσσί, εἶς; 1st plur. εἰμέν; 3d plur. εἰσὶ, ἔασσι.

Imperfect 1st sing. ἦα, ἔα, ἔον (?); 2d sing. ἔησθα, ἦσθα; 3d sing. ἦεν, ἔην, ἦην, ἦν; 3d plur. ἦσαν, ἔσαν. Iterative ἔσκον (§ 191 b).

Subjunctive 1st sing. ἔω, -είω; 3d sing. ἔησι, ᾗσι, ἔη, εἴη (?); 3d plur. ἔωσι.

Optative also ἔοις, ἔοι.

Imperative ἔσσο (middle).

Infinitive also ἔμμεναι (for \*ἐσ-μεναι), ἔμεναι, ἔμμεν, ἔμεν (§ 167 c).

Participle ἐών, ἐοῦσα, ἐόν, etc.

Future also ἔσ-σομαι, etc.; 3d sing. ἔσ-σεται, ἔσεται (§ 35), ἔσται (§ 20), and (Doric future, § 214) ἔσσεῖται.

### b. Herodotus has

Present indicative 2d sing. εἶς; 1st pl. εἰμέν.

Imperfect ἔα; 2d sing. ἔας; 2d plur. ἔατε. Iterative ἔσκον (191 b).

Subjunctive ἔω, ἔωσι. Optative (once) ἐν-έοι. Participle ἐών.

singular *ἐστί* takes its written accent on the first syllable (*ἔστι*):

When it stands at the beginning of a sentence; as *ἔστι δὲ τίς οὗτος*; *but who is this?*

When it expresses existence or possibility; as *σοὶ μὲν ἔστιν ἰδεῖν* *it is possible for you to see*;

When it follows the conjunctions *εἰ*, *καί*, or *ἀλλά*, or the adverbs *οὐκ*, *μή*, or *ὥς*; as *οὐκ ἔστιν* *is not*.

NOTE.—In composition the participle is accented as in the simple verb: thus *παρ-ών* *present*. In the subjunctive and optative, *παρ-ῶ* (for *-έω*, § 170, 2), *παρ-εἶμεν*, etc., the accent is not irregular. See §§ 170, 2–3 and 185, note.

**263.** *Φημί* (*φα-*, *φη-*; Latin *fa-ri*) *say* is inflected in the present system as follows:

PRESENT			IMPERFECT
	Indicative	Subjunctive	Indicative
S. 1	φημί	φῶ, φῆς, φῆ, etc.	ἔφην
2	φῆς	(like <i>στώ</i> , § 257)	ἔφησθα or ἔφης
3	φησί		ἔφη
		Optative	
D. 2	φατόν	φαίην, φαίης, etc.	ἔφατον
3	φατόν	(like <i>σταίην</i> , § 257)	ἔφάτην
P. 1	φάμεν		ἔφαμεν
2	φατέ	Imperative.	ἔφατε
3	φᾶσι	φάθι or φαθί, φάτω, etc.	ἔφασαν
	Infinitive	Participle	Verbal Adjectives
	φάναι	φάς, φᾶσα, φάν, but in Attic φάσκων is used instead.	φατός, φατέος

The future is *φήσω*, etc.; aorist *ἔφησα*, etc.

1. All forms of the present indicative, except the second person singular *φῆς*, are enclitic (§ 70).

**263 a.** Homer has subj. 3d sing. *φήη* (§ 211, 1 a). For *ἔφην* (imperfect 3d plural) see § 167 c. He often uses the middle forms of *φημί*, which are seldom or never found in Attic: thus imperf. *ἐφάμην*, *ἔφατο*; impv. *φάο*, *φάσθω*, etc.; infin. *φάσθαι*; participle *φάμενος*.

**b.** Herodotus often uses the middle participle *φάμενος*.

**264.** **Κεῖμαι** (κει-) *lie, am laid* (regularly used as the perfect passive of τίθημι *put*).

PRESENT			IMPERFECT
	Indicative	Subjunctive	Indicative
S. 1	κεῖμαι	κέωμαι, κέη,	έκειμην
2	κεῖσαι	κέηται, etc.	έκεισο
3	κεῖται		έκειτο,
D. 2	κεῖσθον	Optative.	έκεισθον
3	κεῖσθον	κεοίμην, κέοιο,	έκεισθην
P. 1	κέιμεθα	κέοιτο, etc.	έκέιμεθα
2	κέισθε	Imperative.	έκεισθε
3	κείνται	κέισο, κείσθω, etc.	έκείντο

Infinitive                      Participle  
**κεῖσθαι** (so also in composition: **κείμενος**  
κατακέισθα, contrary to § 184)

The future is *κείσομαι*, etc., regular.

**265.** **ἥμαι** (ήσ-) *sit* retains the σ of its stem only before the endings -ται and -το. It is found only in the present system:

PRESENT			IMPERFECT
	Indicative		Indicative
	ἥ-μαι, ἥσαι, ἥσ-ται; ἥσθον, ἥσθον		ἥ-μην, ἥσο, ἥσ-το
	ἥ-μεθα, ἥσθε, ἥ-νται		ἥσθον, ἥσθην
Imperative	Infinitive	Participle	ἥ-μεθα, ἥσθε, ἥ-ντο
ἥσο, ἥσθω, etc.	ἥσθαι	ἥ-μενος	

The subjunctive and optative of the simple verb are not found.

**264 a.** Homer has pres. indic. 3d plur. *κείνται, κέαται* (§ 167 d), *κείαται, κέονται*; impf. 3d plur. *έκειντο, κέατο* (§ 167 d), *κείατο*; subj. 3d sing. *κῆται*, iterative 3d sing. (§ 191 b) *έκέ-σκετο*.

**b.** Herodotus usually has -εε- for -ει- in the 3d sing. (*κέεται*); sometimes perhaps in *έκειτο, κείσθαι* (*έκέετο, κέεσθαι*). He always has *κέαται* (= *κείνται*) and *έκέατο* (= *έκειντο*). See § 167 d.

**265 a.** For the 3d plur. Homer has *ῆται* (*είαται* in some editions), *ῆται*, and *ῆατο* (*είατο* in some editions), *ῆατο* (Attic *ῆνται, ῆντο*). Herodotus always has *ῆται, ῆατο*. See § 167 d.



1. For *ἦμαι*, Attic almost always uses the compound *κάθ-ημαι* (properly *sit down*), which loses the *σ* of its stem everywhere except in the form *καθῆστο* of the imperfect. It is inflected as follows:

PRESENT		IMPERFECT	
	Indicative	Subjunctive	Indicative
S. 1	κάθημαι	καθῶμαι, καθῆ,	ἐκαθήμην or καθήμην
2	κάθησαι	καθήται, etc.	ἐκάθησο καθήσο
3	κάθηται		ἐκάθητο καθήστο
D. 2	κάθησθον	Optative.	
3	κάθησθον	καθούμην, καθοῖο,	ἐκάθησθον καθήσθον
		καθοῖτο, etc.	ἐκάθησθην καθήσθην
P. 1	καθήμεθα		ἐκαθήμεθα καθήμεθα
2	κάθησθε	Imperative.	ἐκάθησθε καθήσθε
3	κάθηνται	κάθησο, καθήσθω, etc.	ἐκάθηντο καθήντο
	Infinitive	Participle	
	καθῆσθαι	καθήμενος	

For the augment (*ἐκαθήμην*) see § 174, 1.

266. *Ἦμι* (cf. Latin *a-io*) *say*, is used only in present 1st singular *ἦμι* and imperfect 1st and 3d singular *ἦν*, *ἦ* (*ἦν δ' ἐγώ said I*, *ἦ δ' ὅς said he*).

267. *Χρή* *it is necessary* is really a substantive with which *ἐστί* *is*, is to be supplied (§ 308). Outside of the present indicative it unites (cf. § 43, note 2) with the forms of *εἰμί* into a single word: so impf. *χρήν* (for *χρή ἦν*), and even with augment *ἐχρήν*! subj. *χρή* (for *χρή ᾗ*); opt. *χρεῖη* (for *χρή εἴη*); infin. *χρήναι* (for *χρή εἶναι*); partic. *χρεών*, indeclinable (for *χρή ὄν*, § 17).

## FORMATION OF WORDS

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**268.** Words are formed in two ways : (1) by Derivation and (2) by Composition.

1. Derived words are formed by means of suffixes (which are not themselves separate words) either from roots or from the stems of other words. Thus, *δικ-η* *right* (from the root *δικ-*), *δίκ-αι-ος* *just* (from the stem *δικᾱ-*) are derived words.

2. Compound words are formed by combining two or more words or stems of words into one. Thus, *ἵππ-ό-δαμος* *horse-tamer*, *μεγά-θῦμος* *great-hearted*, are compound words. Of course derived words may be formed from stems of compound words. Thus, *οἰκοδομῶ* (*-έω*) *build a house*, from *οἰκο-δόμος* *house-builder*, is a derived word.

## DERIVATIVE WORDS

**269. Primitive and Denominative Words.**— A Primitive Word is formed directly from a root by means of a suffix ; a Denominative Word is formed from the stem of a noun. Thus, *ζυγ-ό-ν* *yoke* is a primitive word, being formed from the root *ζυγ-* by means of the suffix *-ο-*. From the stem

of ζυγόν (ζυγο-) is formed the denominative verb ζυγῶ (-όω) *yoke, join together*.

NOTE. — Less correctly the term Primitive Word is sometimes applied to a word formed by means of a suffix from the theme of a verb.

**270. Roots.** — The root of a word, like the perfume of a flower, has no separate, tangible existence. It merely suggests the meaning of a word or group of words. Only when united with inflectional endings (and usually a suffix as well) does it receive definite form and meaning, and become a full-blown word.

NOTE. — Roots consist usually of only one syllable. From roots stems are formed by means of suffixes, and from stems words are formed by means of inflectional endings. (Very few words are formed directly from roots without any suffix.) Thus :

Root { λεγ-	Stems { λεγ <sup>ο</sup> - λογ-	Words { λέγω <i>speak</i> λόγος <i>speech</i>
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**271. Word-Groups.** — The same root often appears in many different words which are formed from it in various ways. Such words are commonly said to form a Word-Group.

Thus, from the root γραφ- are derived (directly or indirectly)

γράφ-ω *mark, write,*

γραφ-ή *writing,*

γραφ-εὺς *painter,*

γραφ-ίς *style, pencil,*

γραφ-ικός *suited for writing*  
*or painting,*

γραμ-μή (for \*γραφ-μη, § 27, 1)  
*line,*

γράμ-μα *letter,*

γραμ-ματεὺς *clerk, secretary,*

γραμ-ματεύω *be secretary,*

γραμ-ματική *grammar,*

γραμ-ματεῖον *writing tablet.*

From the root *οἰκ-* are derived (directly or indirectly)

<i>οἰκ-ος</i> dwelling,	<i>οἰκ-ειότης</i> relationship, friend-
<i>οἰκ-ιά</i> house,	ship,
<i>οἰκ-ιον</i> , <i>οἰκ-ίσκος</i> , <i>οἰκ-ίδιον</i> (diminutives, § 283) lit-	<i>οἰκ-ειῶ</i> (-όω) make one's own,
tle house,	<i>οἰκ-είωσις</i> making one's own,
<i>οἰκ-έτης</i> house-slave (masc.),	appropriation,
<i>οἰκ-έτις</i> house-slave (fem.),	<i>οἰκ-ῶ</i> (-έω) dwell,
<i>οἰκ-ετικός</i> pertaining to	<i>οἰκ-ητός</i> inhabited,
house-slaves,	<i>οἰκ-ησις</i> habitation,
<i>οἰκ-εῖος</i> belonging to the	<i>οἰκ-ημα</i> dwelling place,
household,	<i>οἰκ-ήτωρ</i> inhabitant,
	<i>οἰκ-ίζω</i> colonize,
	<i>οἰκ-ιστής</i> colonist.

These examples are enough to show the importance, for a ready understanding of Greek, of a thorough knowledge of derivation.

**272. Changes of Roots in Derivation.** — In the formation of words from roots, Greek has a very clear method of differentiation by means of the vowel variation (*ο. ε. (α)*), spoken of in § 14: thus *λέγ-ω* speak, *λόγ-ος* speech; *λείπ-ω* leave, *λοιπ-ός* left; *σπεύδ-ω* hasten, *σπουδ-ή* haste. See below, §§ 277, 1–3 and 280, 1.

**273. Changes of Stems in Derivation.** — When suffixes are added to stems the usual euphonic changes take place: — that is, vowels thus brought together usually contract, and consonants, and consonants and vowels, undergo the changes described in §§ 25–39. Examples are:

*ἀρχαῖος* old (for \**ἀρχα-ιος*), *βασιλεία* kingdom (for \**βασιλευ-ιά*, § 21), *ἀλήθεια* truth (for \**ἀληθεσ-ια*, § 37), *ὄμμα* eye (for \**ὀπ-μα*, § 27, 1), *ὄψις* look, vision (for \**ὀπ-σις*, § 28), *δικαστής* judge (for \**δικαδ-της*, § 26), *ἐλπίζω* hope (for \**ἐλπιδ-ιω*, § 39, 2).

**274.** A noun stem may vary its final vowel before the suffix, or, before a suffix beginning with a vowel, may drop it altogether (cf. § 44, 3): thus οἰκέ-της *house-slave*, from οἶκος (stem οἰκο-) *house*; οὐράν-ιος *heavenly*, from οὐρανός (stem οὐρανο-) *heaven*.

NOTE. — Before a suffix beginning with a consonant the end vowel of a stem usually, but not always, has its long form (§ 13): thus ποίη-σις *a making*, ποιῶ (-έω) *make*.

**275. Formation by Analogy.** — In Greek, as in other languages, many words were formed by analogy. Thus, ἵππεύ-ω *be a horseman* is formed from ἵππεύ-ς *horseman*; but since ἵππ- is common to more words (ἵππ-ος, ἵππ-ικός, etc.) than is ἵππευ-, the letters -εύω came to be felt as a sort of suffix, which formed ἵππεύω from ἵππ-, and so could be used to form other denominative verbs from various stems: thus δουλ-εύω *be a slave* (δοῦλο-ς *slave*), βουλ-εύω *plan* (βουλή *plan*), παιδ-εύω *educate* (παῖς, παιδ-ός *child*).

In the formation of verbs analogy plays a great part, and the important verb endings of this sort are given in § 292.

So also sometimes in the formation of nouns, endings such as -αῖος and -εῖος, for -α-ιο-ς and -ε-ιο-ς, formed by adding the suffix -ιο- to a stem ending in α- or ε- (εν-, εσ-) (see § 287, 5, Ἀθηναῖος, οἰκεῖος, βασιλείος), are used in similar fashion: thus σκοτ-αῖος (σκότος) *dark*, ἀνδρ-εῖος (ἀνήρ, ἀνδρ-ός) *brave* (for examples of such formations see §§ 283, 1; 284, 1; 287, 5).

## FORMATION OF SUBSTANTIVES

**276.** A very few substantives are formed from roots without any suffix: thus φλόξ (φλογ-) *flame* (φλέγ-ω *burn*).

**277.** The following are the most important suffixes in the formation of substantives :

1. **-ο-**. Masculine in **-ός** (agent) and **-ος**, neuter in **-ον**.

(Roots with the vowel variation ο, ε, (α) (§ 14), usually show ο.)

τροφ-ός nurse (τρέφ-ω nourish)	πομπ-ός escort (πέμπ-ω send, escort)
λόγ-ος speech (λέγ-ω speak)	
ἔργ-ον work (ῥέζω (ῥεγ-, ἔργ-, § 38) do)	ῥό-ος stream (ῥέ-ω flow)
	ζυγ-όν yoke (ζεύγ-νῦμι yoke)

2. **-ᾱ-**. Nominative in **-ᾱ** or **-η** ; all feminine.

(Roots with the vowel variation ο, ε, (α) (§ 14), regularly show ο.)

τροφ-ή nurture (τρέφ-ω nourish)	φορ-ᾱ bearing (φέρ-ω bear)
λοιβ-ή pouring (λείβ-ω pour)	σπουδ-ή haste (σπεύδ-ω hasten)

3. **-εσ-**. Nominative in **-ος** (§ 106, 1) : neuter.

(Roots with the vowel variation ο, ε, (α) (§ 14), regularly show ε.)

γέν-ος race (γίγνομαι (γον-, γεν-, γν-) be born)	ζεύγ-ος pair (ζεύγ-νῦμι (ζευγ-, ζυγ-) yoke, join)
εἰδ-ος form (οἶδ-, εἰδ-, ἰδ- see)	εὖρ-ος width (εὐρύς wide)

## 278.

### AGENT

1. **-ευ-**. Nominative in **-εύς** : masculine.

γραφ-εύς painter (γράφ-ω write, paint)	ἵππ-εύς horseman (ἵππος horse)
	ἱερ-εύς priest (ἱερός sacred)

2. **-τήρ-**. Nominative in **-τήρ** : masculine.

σω-τήρ savior (σώζω save)	δο-τήρ giver (δίδωμι (δο-, δω-) give)
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3. **-τωρ-**. Nominative in **-τωρ** : masculine.

ῥή-τωρ orator (ῥρ-, ῥε-, ῥή- speak-)	οική-τωρ dweller (οἰκῶ (-έω) dwell)
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4. { **-τᾱ-**. Nominative in **-της** : masculine.  
**-τιδ-**. Nominative in **-τις** :  
**-τριδ-**. Nominative in **-τρίς** : } feminine.

οἰκέ-τη-ς (ὁ), οἰκέ-τις (ῆ) *house-*      αὐλη-τή-ς (ὁ),      αὐλη-τρίς (ῆ)  
*slave (οἶκο-ς house)*      *flute-player (αὐλῶ (-έω) play*  
πολί-τη-ς (ὁ), πολί-τις (ῆ) *citizen*      *the flute)*  
(πόλι-ς city)

## 279.

## ACTION

1. **-τι-**. Nominative in **-τις** : feminine.  
πίσ-τι-ς *faith (πείθω (ποιθ-, πειθ-, πιθ-) persuade, § 26)*
2. **-σι-** (weakened from **-τι-**). Nominative in **-σις** : feminine.  
κρί-σι-ς *judgment (κρίνω judge)*      πράξι-ς *action (πράττω (πρᾶγ-)*  
*act, § 28)*
3. **-σιᾱ-**. Nominative in **-σιᾱ** : feminine.  
γυμνα-σίᾱ *exercise (γυμνάζω (γυμ- δοκιμα-σίᾱ examination (δοκιμάζω*  
*ναδ-) train, § 30)*      *(δοκιμαδ-) examine, § 30)*

## 280.

## RESULT OF ACTION

1. **-ματ-**. Nominative in **-μα** : neuter. A great many substantives are formed from verb stems by this suffix.  
(Roots with the vowel variation ο, ε, (α) (§ 14), regularly have ε.)  
πρᾶγ-μα *deed (πράττω (πρᾶγ-)*      ῥεῦ-μα *stream (ῥέω (ῥου-, ῥευ-,*  
*do)*      *ῥν-) flow)*
2. **-μο-**. Nominative in **-μός** : masculine.  
ὀδυρ-μός *wailing (ὀδύρ-ομαι*      λογισ-μός *calculation (λογίζο-*  
*wail)*      *μαι (λογιδ-) calculate)*



3. **-μα-**. Nominative in **-μη** : feminine.

γνώμη *opinion* (γι-γνώ-σκω *know*) γραμμή *line* (γράφ-ω *mark*,  
§ 27, 1)

**281.**

## MEANS OR INSTRUMENT

1. **-τρο-**. Nominative in **-τρον** : neuter (cf. Latin *claustrum*).

ἄρο-τρον *plow* (ἄρῳ (-όω) *plow*) φέρε-τρον *hier* (φέρω *carry*)

**282.**

## QUALITY (ABSTRACT SUBSTANTIVES)

1. **-ιά-**. Nominative in **-ιά** : feminine (cf. Latin *memor-ia*).  
This suffix (cf. § 287, 5) is the one most frequently employed to form abstract substantives.

σοφ-ιά *wisdom* (σοφός *wise*) παιδεία (for \*παιδευ-ιά, § 21) *edu-*  
εὐδαιμον-ιά *happiness* (εὐδαίμων *happy*) *ucation* (παιδεύ-ω *educate*)

2. **-ια-**. Nominative in **-ια** : feminine (mostly from adjectives in **-ης**).

ἀλήθεια (\*ἀληθεσ-ια, § 37) *truth* εὖνοια (cf. § 133) *good will* (εὖνους  
(ἀληθής (ἀληθεσ-) *true*) *well-disposed*)

This suffix forms also a few concrete feminines corresponding to masculines : thus

σώτεια (for \*σωτερ-ια, § 39, 4) *savior* (fem.) (σω-τήρ *savior*, § 278, 2) *priestess*  
(ιέρει-α, § 21) (ιερ-εύ-ς *priest*, § 278, 1)

3. **-τητ-**. Nominative in **-της** : feminine (cf. Latin *veritās*, *-tāt-is*).

ταχύ-της *swiftness* (ταχύ-ς *swift*) νεό-της *youth* (νέο-ς *young*)

4. **-συνᾱ-**. Nominative in **-σύνη** : feminine.

δικαιο-σύνη *justice* (δίκαιο-  
just)

σωφρο-σύνη *discretion* (σώφρων,  
discreet, § 34)

## 283.

## DIMINUTIVES

(Often used as pet names.)

1. **-ιο** (**-ιδ-ιο-**, **-αρ-ιο-**, § 275). Nominative in **-ιον** : neuter.

παιδ-ίο-ν παιδ-άριο-ν *little child* οἰκ-ίδιο-ν *little house* (οἶκο-  
(παῖς (παιδ-) *child* house)

2. **-ισκο-**, **-ισκᾱ-**. Nominative in **-ίσκος** (masc.) or **-ίσκη** (fem.).

οἰκ-ίσκο-ς *little house* (οἶκο-ς παιδ-ίσκο-ς *little boy* } (παῖς (παιδ-)  
house) παιδ-ίσκη *little girl* } *child*)

## 284.

## PLACE (OR MEANS)

1. **-ιο-**. From substantives in **-τήρ** (§ 278, 2, mostly obsolete) and **-εύς** (§ 278, 1). Nominative in **-τήριον** and **-εῖον** (for **\*-ευ-ιον**, § 21) : neuter.

δικαστήρ-ιο-ν *courthouse* (δικασ- κουρέιον *barber shop* (κουρ-εύ-  
τήρ (= δικαστής) *judge* barber)

δεσμωτήρ-ιο-ν *prison* (\*δεσμω-τηρ Θησεῖον *temple of Theseus* (Θη-  
= δεσμώτης *prisoner* σεύς *Theseus*)

So, by analogy (see § 275),

σημ-εῖον *signal* (cf. σῆμα *sign*) μουσ-εῖον *seat of the muses* (cf.  
μοῦσα *muse*)

2. **-ων-**. Nominative in **-ών** : masculine (place only).

ἀνδρ-ών *men's room* (ἀνήρ (ἀνδρ-) ἵππ-ών *stable* (ἵππο-ς *horse*  
man)

285. PATRONYMICS (*descendant of*)

1. { **-ιδᾱ-**. Nominative in **-ίδης** : masculine.  
       **-ιδ-**. Nominative in **-ίς** : feminine.

MASCULINE		FEMININE	
Τανταλ-ίδης <i>son of Tantalus</i>		Τανταλ-ίς	from Τάνταλο-ς
Δανα-ίδης <i>son of Danaus</i>		Δανα-ίς	from Δαναός-ς
Πηλε-ίδης (§ 21) <i>son of Peleus</i>			from Πηλεί-ς

2. { **-αδᾱ-**. Nominative in **-άδης** : masculine.  
       **-αδ-**. Nominative in **-άς** : feminine.

MASCULINE		FEMININE	
Βορε-άδης <i>son of Boreas</i>		Βορε-άς	from Βορέᾱ-ς
Θεστι-άδης <i>son of Thestius</i>		Θεστι-άς	from Θέστιο-ς

## 286. GENTILE OR PLACE NAMES

1. { **-ευ-**. Nominative in **-εύς** (cf. § 278, 1) : masculine.  
       **-ιδ-**. Nominative in **-ίς** (cf. § 285, 1) : feminine.

MASCULINE		FEMININE	
Μεγαρ-εύς <i>a Megarian</i>		Μεγαρ-ίς	(Μέγαρα <i>Megara</i> )

2. { **-τᾱ-**. Nominative in **-της** (cf. § 278, 4) : masculine.  
       **-τιδ-**. Nominative in **-τις** (cf. § 278, 4) : feminine.

MASCULINE		FEMININE	
Τεγᾱ́-της <i>a Tegean</i>		Τεγᾱ́-τις	(Τεγᾱ́ <i>Tegea</i> )

## FORMATION OF ADJECTIVES

287. The following are the most important suffixes forming adjectives :

1. **-υ-**. Nominative in **-ύς**, **-εῖα**, **-ύ** (§ 123) (from roots only).

ἡδ-ύ-ς <i>sweet</i> (cf. ἡδ-ομαι <i>am pleased</i> )	ταχ-ύ-ς <i>swift</i> (cf. τάχ-ος <i>swift-ness</i> )
--	--

2. **-εσ-**. Nominative in *-ής, -ές* (§ 120) (mostly compounds).  
*σαφ-ής* *clear* (σαφ-) *ψευδ-ής* *false* (cf. *ψεύδ-ομαι* *lie*)
3. **-μον-**. Nominative in *-μων, -μον* (§ 120).  
*μνή-μων* *mindful* (cf. *μι-μνήσκω* *remind*)
4. **-ο-**. Nominative in *-ος, -ᾱ (-η), -ον* (§ 117).  
*λοιπ-ός* *remaining* (cf. *λείπ-ω* (*λοιπ-, λειπ-, λιπ-*) *leave*)
5. **-ιο-**. Nominative in *-ιος, -ιά, -ιον* (sometimes *-ιος, -ιον*, § 119). This is the most common adjective-suffix.
- |  |  |
|--|--|
| <i>οὐράν-ιος</i> <i>heavenly</i> ( <i>οὐρανός</i> <i>heaven</i> )                          | <i>οἰκέιος</i> (for <i>*οἰκε-ιος</i> , § 274) <i>domestic</i> ( <i>οἶκο-ς</i> <i>house</i> )     |
| <i>πλούσ-ιος</i> (for <i>*πλουτ-ιος</i> ) <i>wealthy</i> ( <i>πλούτο-ς</i> <i>wealth</i> ) | <i>βασίλειος</i> (for <i>*βασιλευ-ιος</i> , § 21) <i>kingly</i> ( <i>βασιλεύ-ς</i> <i>king</i> ) |
| <i>Ἀθηναῖος</i> (for <i>*Ἀθηνα-ιος</i> ) <i>Athenian</i> ( <i>Ἀθῆναι</i> <i>Athens</i> )   | <i>σωτήρ-ιος</i> (cf. § 283, 1) <i>preserving</i> ( <i>σωτήρ</i> <i>savior</i> )                 |
- So, by analogy (see § 275),
- |   |   |
|---|---|
| <i>σκοτ-αῖος</i> <i>in darkness</i> ( <i>σκότος</i> <i>darkness</i> ) | <i>ἀνδρ-εῖος</i> <i>manly</i> ( <i>ἀνήρ</i> , <i>ἀνδρ-ός</i> <i>man</i> ) |
|---|---|
6. **-ικο- (-κο-)**. Nominative in *-κός, -κή, -κόν*. Next to *-ιο-*, this is the most frequent adjective-suffix.
- |  |   |
|--|---|
| <i>μουσ-ικό-ς</i> <i>musical</i> ( <i>μουσα</i> <i>muse</i> )    | <i>σκεπτ-ικό-ς</i> <i>reflective</i> ( <i>σκεπτό-ς</i> , verbal of <i>σκέπ-τομαι</i> <i>investigate</i> ) |
| <i>φυσ-ικό-ς</i> <i>natural</i> ( <i>φύσι-ς</i> <i>nature</i> )  |   |
| <i>πολεμ-ικό-ς</i> <i>warlike</i> ( <i>πόλεμο-ς</i> <i>war</i> ) |   |
7. **-νο-**. Nominative in *-νός, -νή, -νόν*.
- |  |   |
|--|---|
| <i>δει-νό-ς</i> <i>terrible</i> (cf. <i>ἔ-δει-σα</i> <i>feared</i> )                   | <i>στυγ-νό-ς</i> <i>hated</i> (cf. <i>στυγ-ῶ</i> ( <i>-έω</i> ) <i>hate</i> ) |
| <i>ἀλγεινό-ς</i> (for <i>*ἀλγεσ-νο-ς</i> ) <i>painful</i> ( <i>ἄλγος</i> <i>pain</i> ) |   |



## 2. -δην.

βά-δην *on foot* (cf. βαίνω (βα-) go)      κρύβ-δην *secretly* (cf. κρύπτω (κρυβ-) *hide*)

## 3. -τε.

ἄλλο-τε *at another time* (ἄλλο-ς other)      πάντο-τε *at all times* (πᾶς all)

## 4. -άκις.

τετρ-άκις *four times* (τέτταρες four)      πολλ-άκις *many times* (πολλοί many)

NOTE.—Some adverbs end also in -α: thus μάλα *very*, τάχα *quickly*.

## FORMATION OF VERBS

**291.** Primitive verbs (such as φη-μί or λέγ-ω *say*) are formed directly from roots (§ 165), while denominative verbs are formed from the stems of nouns.

**292. The Suffix -ι<sup>ο</sup>-.**—The suffix by which nearly all denominative verbs were originally formed is -ι<sup>ο</sup>- (or more properly -ῃ<sup>ο</sup>-), but between vowels the ι disappeared (§ 21), and with consonants it combined to form other letters (§ 39). Thus arose several classes of denominative verbs, their form depending on the form of the noun from which they were derived, then by analogy (§ 275) the endings of these verbs were used to form other similar verbs from various noun stems. The most important of these classes (as seen in the present indicative) are given below:

1. (-ό-ω). From stems in -ο- By analogy (§ 275) -όω.  
(mostly causative).

δηλω (δηλό-ω) *make plain*, from  
δηλο-ς *plain*

ζημιῶ (ζημι-όω) *punish* (ζημίᾱ  
penalty)

ἀνδρῶ (ἀνδρ-όω) *make a man*  
of (ἀνήρ, ἀνδρ-ός *man*)

2. (-έ-ω). From stems in -σ- By analogy (§ 275) -έω.  
 (see § 274) and -εσ-. ἐπιχειρῶ (ἐπιχειρ-έω) attempt  
 οἰκῶ (οἰκέ-ω) dwell, from οἶκο-ς (χείρ hand)  
 house ἄλγῶ (ἄλγ-έω) be pained (ἄλγος  
 τέλῳ (τελέ-ω, for \*τελεσ-ιω, §37) pain), fut. ἄλγῃσω, cf. § 188.  
 finish, from τέλος (τελεσ-) end
3. (-ᾶ-ω). From stems in -ᾱ- By analogy (§ 275) -αω.  
 (ᾱ becomes ᾶ from anal- γοῶ (γο-άω) lament (γόος wail-  
 ogy with -έω and -όω). ing)  
 τῆμῳ (τῆμά-ω) honor, from τῆμή ἄντιῳ (ἀντι-άω) meet (ἀντίος  
 (τιμᾶ-) honor opposite)
4. (-εύ-ω). From stems in By analogy (§ 275) -εύω.  
 -ευ-. τοξ-εύω shoot with the bow  
 βασιλεύ-ω be king, from βασι- (τόξον bow)  
 λεύ-ς king
5. (-ττ-ω). From stems in  
 -κ-, -χ-, -τ-, -θ- (see  
 § 195, 1).  
 κηρύττ-ω proclaim, from κῆρυξ  
 (κηρῦκ-) herald
6. (-ζ-ω) (-ίζω, -άζω). From By analogy (§ 275) -ίζω and  
 stems in -δ- or -γ- (see -άζω.  
 § 195, 2). τειχ-ίζω fortify (τειχος wall)  
 ἐλπίζ-ω hope, from ἐλπίς μηδ-ίζω favor the Medes (Μῆδος  
 (ἐλπιδ-) hope Mede)  
 λιθάζ-ω stone, from λιθάς δικά-ζω judge (δίκη right)  
 (λιθαδ-) stone ἑτοιμ-άζω make ready (ἑτοιμος  
 ready)

292, 2 a. From stems in -εσ- Homer often has the older form of the verb in -είω: thus τελείω (for \*τελεσ-ιω) finish.

292, 3 a. Homer has ᾱ in some verbs in -άω: thus μενοινᾶω he eager, ἥβᾶω be in one's prime (see § 190 b).



7. (-λλ-ω). From stems in  
-λ- (see § 195, 3).

ἀγγέλλ-ω *announce*, from ἄγγελ-  
λος *messenger*

8. { -ίν-ω (for -ν-ιω) } from  
{ -ίρ-ω (for -ρ-ιω) } stems in -ν- (especially  
-αν-) and -ρ- (see § 195,  
4).

μελαίν-ω *blacken*, from μέλας  
(μελαν-) *black*

τεκμαίρ-ομαι *determine from*  
*signs*, from τέκμαρ *sign*

By analogy (§ 275) -αίνω.

κερδ-αίνω *gain* (κέρδος *gain*)

χαλεπ-αίνω *am angry* (χαλεπός  
*hard*)

NOTE. — Many verbs in -μαινω are formed from substantives in -μα (gen. -ματ-ος) which originally had stems in -μαν- (compare Latin *no-men* with Greek ὄνο-μα, ὀνό-ματ-ος, *name*): thus σημαίνω (for \*σημαν-ιω) *indicate*, from σῆμα, σήματ-ος *sign*.

9. (-ύν-ω) (suffix -νις, cf. By analogy (§ 275) -ύνω.

§ 196, 1). From ad-  
jective stems in -ν-.

ἀλγ-ύνω *pain* (ἄλγος *pain*)

μεγαλ-ύνω *make great* (μέγας,  
*great*)

ἡδύ-ν-ω *sweeten*, from ἡδύς  
*sweet*

**293. Desideratives.** — Verbs expressing a *desire* to do something are usually formed by the ending -σειω: thus γελα-σειώ *desire to laugh* (γελῶ (-άω) *laugh*).

## COMPOUND WORDS

### FORMATION OF COMPOUND WORDS

**294.** Compound words are formed by combining two or more separate words, or stems of words, into one word. Their accent is usually recessive (§ 64): thus μακρό-βιος

(μακρό-ς + βίος) *long-lived*, προ-βουλή (πρό + βουλή) *fore-thought*.

1. The compound word thus formed often follows the inflection of its last part, as in the examples above, or it may go over into a different form of inflection: thus φιλό-τιμος (τίμη) *honor-loving*, εὖ-γενής (γένος) *well-born*, θεο-φιλής (φίλος) *dear to the gods*, πολυ-πράγμων (πράγμα, πράγματ-ος) *greatly active, meddlesome*, εὖ-φρων (φρήν) *glad-hearted*.

**295.** When the first part of a compound word is an inflected word, only its stem is used: thus λογο-γράφος (λόγο-ς) *speech-writer*, πείθ-αρχος (πείθ-ω) *obedient to command*.

1. A final short vowel (α or ο) is elided if the second part began with a vowel (but see § 2 a): thus χορ-ηγός (χορό-ς) *chorus-leader* (but θεο-ειδής (θεος + φείδος, § 2) *god-like*).

2. Stems other than -ο- stems, when used to form the first part of a compound word, have a strong tendency to take the form of -ο- stems: thus λυρο-ποιός (λύρᾱ) *lyre-maker*, πατρο-κτόνος (πατήρ, πατρ-ός) *father-slayer, parricide*, φυσιο-λόγος (φύσι-ς) *natural philosopher*, ἰχθυο-πώλης (ἰχθύ-ς) *fish-seller*.

NOTE. — Sometimes other letters (usually ε, ι, or σι) appear between the parts of a compound word: thus δακέ-θῦμος *soul-consuming*, αἶγ-ι-βοτος *grazed by goats*, δει-σι-δαίμων *god-fearing*. This seldom happens except when the first part of the compound is a verb stem, and such compounds are usually to be explained as formations from earlier (mostly verbal) noun stems which ended in this way. Analogy (§ 275) also probably played some part in such formations.

**296.** In compound nouns α, ε, or ο, at the beginning of the last part often becomes long (η or ω), unless the syllable in which it stands is already long by position (§ 53):

thus στρατ-ηγός (ἄγω) *army-leader, general*, ἀν-ώνυμος (ὄνομα) *nameless* (cf. § 132, 1).

**297. Apparent Compounds.** — Sometimes words often used together come to be written as one word (cf. § 71, note): thus Διός-κοροι *sons of Zeus* (i.e. *the Dioscuri, Castor and Pollux*), ἀπο-πέμπω *send away*. Such words, although they are usually classed among compound words, are not real compounds, but only apparent.

**298. Compound Verbs.** — Verbs can be compounded (see § 297) only with prepositions (which were originally adverbs modifying the verb): thus ἐπι-βάλλω *throw on*.

NOTE. — It must be noticed that in denominative verbs formed from compound nouns the *verb* is not compounded. Thus, πείθομαι means *obey*, but *disobey* is not \*ἀ-πειθομαι but ἀπειθῶ (-έω), a denominative verb formed from ἀ-πειθής *disobedient*.

**299. Inseparable Prefixes.** — Certain words used to form the first part of compound words have no separate existence. The most important are:

1. ἀν- (before a consonant ἀ-, usually called *alpha privative*) *not*, like Latin *in-*, English *un-*: thus ἀν-αιδής *shameless*, ἄ-θεος *godless*.
2. ἀ- conjunctive: thus ἄ-λοχος *bed-fellow*.
3. δυσ- (the opposite of εὖ *well*), *ill, difficult*: thus δύσ-ποτμος *ill-starred*, δυσ-χερής *hard to handle*.
4. ἡμι- *half-*: thus ἡμί-θεος *demigod*.

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**298 a.** In Homer, and often in other writers, this adverbial use of the prepositions can be clearly seen, for the preposition is often separated by one or more words from the verb which it modifies: thus καὶ ἐπὶ κνέφας ἦλθε *and darkness came on* (A 475), ἀνὰ δὲ κρείων Ἀγαμέμνων | ἔστη *and lordly Agamemnon stood up* (B 100). This is often improperly called *Tmesis* (*cutting*).

**299 a.** The poets have also νη- *not* and ἀρι-, ἐρι-, ζα- *intensive*: thus νή-ποινος *unpunished*, ἐρι-κῦδής *very famous*.

## MEANING OF COMPOUND WORDS

**300.** The meaning of most compound words is at once evident from the meaning of their parts.

In nearly all of them the first part limits or determines the meaning of the second part: thus *ψευδό-μαντις* *false prophet*, *ὁμό-δουλος* *fellow-slave*, *ἄ-γραφος* *unwritten*, *ἀμφι-θέατρον* *round theater*, *χειρο-ποίητος* *hand-made*, *ἀργυρό-τοξος* *silver-bowed* = *having a silver bow*, *γλαυκ-ᾠπις* *bright-eyed*.

1. Observe that compound nouns may be either substantives or adjectives, and that often a verbal element in a compound word may have either an active or a passive meaning: thus compare *λογο-γράφος* *speech-writer* with *ἄ-γραφος* *unwritten*.

NOTE. — In compound words whose last part is a verbal formed by the suffix *-o-* the written accent regularly stands on that part of the word which indicates the *agent* (or *instrument*): thus *μητρο-κτόνος* *mother-slayer, matricide*, *μητρό-κτονος* *mother-slain, i.e. slain by a mother*; *λιθο-βόλος* *stone-throwing*, *λιθό-βολος* *struck by stones*. When the written accent is on the last part of the word, it stands on the penult if that is short, otherwise on the ultima: thus *λογο-γράφος* *speech-writer*, but *λογο-ποιός* *speech-maker*, *στρατ-ηγός* *army-leader, general*.

## SYNTAX

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**301.** Syntax (*σύνταξις arrangement*) treats of the relations of words to one another.

**302. Attributive and Predicate.** — An attributive word, it is taken for granted, modifies another word ; a predicate word is stated to modify another word. Thus, in *ὁ ἀγαθὸς ἀνὴρ the good man*, *ἀγαθός* is an Attributive adjective ; in *ὁ ἀνὴρ ἀγαθός ἐστιν the man is good*, *ἀγαθός* is a Predicate adjective.

In Greek, attributive and predicate words are usually distinguished by their position with reference to the article (see §§ 451 and 453).

1. An attributive may be an adjective, a limiting genitive (§§ 348–355), an adverb with adjective force (§ 429, 1), or a prepositional phrase.

## THE SENTENCE

**303.** A sentence expresses a thought, and contains a Subject and a Predicate.

**304. The Subject.** — The subject must be a substantive, or some word or words having the value of a substantive : thus *ὁ παῖς γράφει the child is writing*, *ἐγὼ γράφω I am writing*, *οἱ τότε ἀνδρεῖοι ἦσαν the men of that time were brave*, *ἔφυγον . . . περὶ ὀκτακοσίους about eight hundred fled* Xn. *Hell.* 6, 5, 10.

**305. Subject not Expressed.** — The subject is not usually expressed when it is clearly indicated by the verb ending or by the context: thus ἀκούω *I hear*, ἀκούσατε *hear ye*, ἐσάλπιγξε *he* (i.e. the trumpeter) *sounded the trumpet* Xn. A. 1, 2, 17. ὕει *it* (i.e. Ζεὺς or ὁ θεός) *rains*, φᾶσί *they* (i.e. people) *say*, τὸν λαμπτήρα ἐγγὺς προσενεγκάτω *let him* (i.e. the servant) *bring the light close* Xn. Symp. 5, 2.

NOTE. — The origin of the so-called impersonal use of the verb (which is comparatively rare in Greek) is probably to be explained in this way (§ 305): thus δεῖ μάχης (the condition of affairs) *needs a battle*, παρσκευάσται μοι (things) *have been made ready by me*.

**306. The Predicate.** — The predicate is a verb or some word or words equivalent to a verb: thus Δαρείος ἡσθένει *Darius was ill*, Κῦρος βασιλεὺς ἦν *Cyrus was king*, Κῦρος ἀνδρεῖος ἦν *Cyrus was brave*.

**307. Copula.** — When a verb like εἰμί *am*, γίγνομαι *become*, φαίνομαι *appear*, etc., is used merely to connect a predicate noun with the subject, it is called a Copula (cf. ἦν in the last two examples above).

**308. Omission of the Verb.** — The verb is sometimes omitted when it can be easily understood: especially the copula of the third person ἐστί *is* or εἰσί *are*: as ἐχθρῶν ἄδωρα δῶρα *foes' gifts no gifts* S. Aj. 665. ὥρᾱ λέγειν (it's) *time to speak*, τῷ νόμῳ πειστέον *obedience (is) to be rendered to the law*. τί ἄλλο οὔτοι ἢ ἐπεβούλευσαν; *what else (did) these men than plot against us?* Th. 3, 39.

NOTE. — Omission of the copula of the first or second person is rarely found: ἐγὼ . . . ἔτοιμος *I (am) ready* Dem. 4, 29. σὺ αἴτιος *you (are) to blame* Xn. Symp. 6, 7.

## THE SIMPLE SENTENCE

**309.** A simple sentence contains but one subject and one predicate, as *Δᾶρείος ἡσθένει Darius was ill.*

**310. Enlargement of the Simple Sentence.** — The subject of a sentence may be enlarged by an attributive (§ 302, 1) or appositive (§ 317) *τὸ Μένωνος στρατεύμα ἀφίκετο Menon's army arrived*, *Δᾶρείος ὁ βασιλεὺς ἡσθένει Darius the king was ill.*

**311.** The predicate of a sentence may be enlarged by an object (direct or indirect, §§ 329 and 375) or cognate accusative (§ 331), or by adverbial words or phrases: thus *τῇ στρατιᾷ ἀπέδωκε Kûρος μισθον Cyrus paid the army wages*, *ἐνέκησε τὴν μάχην he won the battle*, *εὖ λέγεις περὶ τούτων you speak well about this matter.*

## THE COMPOUND SENTENCE

**312.** A compound sentence consists of two or more coördinate simple sentences: thus *τόνδε πέμψομεν . . . σὺ δὲ θανῇ him we'll send, and you shall die* E. I. T. 614.

1. The subject or predicate of a compound sentence is not needlessly repeated: thus *ὁ δὲ πείθεται καὶ συλλαμβάνει Kûρον he was persuaded* (§ 525), and (he) *arrested Cyrus* Xn. A. 1, 1, 3. *εἶχε τὸ μὲν δεξιὸν Μένων καὶ οἱ σὺν αὐτῷ Menon occupied the right wing, and those with him* (occupied it) Xn. A. 1, 2, 15. *σύ τε γὰρ Ἕλλην εἶ καὶ ἡμεῖς for you are a Greek, and* (so are) *we* Xn. A. 2, 1, 16.

NOTE. — Here belongs the phrase *καὶ οὗτος and he, and this*, commonly found in the neuter plural *καὶ ταῦτα and that too*: thus *Μένωνα δὲ οὐκ ἐζήτει, καὶ ταῦτα παρ' Ἀριαίου ὦν τοῦ Μένωνος ξένου he did not ask for Menon, and that too* (he didn't do) although he was from Ariæus, Menon's guest-friend Xn. A. 2, 4, 15.



## THE COMPLEX SENTENCE

**313.** A complex sentence consists of a main and a subordinate sentence: thus καὶ βασιλεὺς μὲν δὴ, ἐπεὶ ἤκουσε Τισσαφέρνους τὸν Κύρου στόλον, ἀντιπαρεσκευάζετο and *the King, of course, when he had heard from Tissaphernes of Cyrus's move, made counter-preparations* Xn. A. 1, 2, 5. εἰ μὲν δὴ δίκαια ποιήσω οὐκ οἶδα whether I shall do right I know not Xn. A. 1, 3, 5. ἐπορευόμην ἵνα . . . ὠφελοῖν αὐτόν I marched to help him Xn. A. 1, 3, 4.

NOTE. — A complex sentence may include more than one subordinate sentence, and a subordinate sentence may in turn have other subordinate sentences dependent on it: thus ὁ δ' ὡς ἀπῆλθε . . . , βουλεύεται ὅπως μήποτε ἔτι ἔσται ἐπὶ τῷ ἀδελφῷ, ἀλλὰ, ἢν δύνῃται, βασιλεύσει αὐτ' ἐκείνου when he came back . . . , he planned to be no longer in the power of his brother, but, if possible, to be king in his stead. Subordinated to the main sentence, βουλεύεται, are the sentences ὡς ἀπῆλθε, ὅπως . . . ἔσται, and . . . βασιλεύσει, while . . . βασιλεύσει has dependent on it another subordinate sentence, ἢν δύνῃται Xn. A. 1, 1, 4.

## AGREEMENT

**314. General Principles of Agreement.** — The inflected parts of speech, in general, indicate their relations with other words by agreeing, so far as possible, in gender, number, case, and person, with the words they modify. So a word in apposition with another word stands in the same case (§ 317), an adjective agrees with its substantive in gender, number, and case (§ 420), a pronoun takes the number and gender (and sometimes the person) of its antecedent (§ 462), and a finite verb agrees with its subject in number and person (§ 495).

NOTE. — Observe that as verbs have no distinction of gender, so substantives (and some pronouns, § 462) have no distinction of person, and may be used with any person (although most frequently with the

third), as: *Θεμιστοκλῆς ἦκω παρὰ σέ (I), Themistocles, have come to you* Th. 1, 137. *εἰ βούλεσθέ μοι οἳ τε στρατηγοὶ καὶ οἱ λοχαγοὶ ἐλθεῖν . . . if (you) generals and captains are willing to come and see me* Xn. A. 2, 5, 25. *ὅς γε κελεύεις (you) who bid* Xn. Mem. 2, 3, 15.

**315. Construction according to Sense.** — A word not infrequently violates the formal rules of grammar by agreeing with the real gender or number of the word it modifies.

So a collective substantive often has a verb or participle in the plural (§§ 321, 500); neuter words or circumlocutions (like *βίη Ἡρακλεΐη mighty Heracles*, lit. *the might of Heracles*) denoting persons often have participles or relative pronouns agreeing with their real gender (§§ 422, 464).

**316. Attraction.** — Sometimes a word, owing to the influence of other neighboring or preceding words, takes different number, gender, case, or mode, from that expected, or even demanded, by the construction of the clause in which it stands; this is called Attraction.

So an adjective standing with an infinitive may be attracted into the accusative, although the word it really modifies is in the genitive or dative (§ 631, 1); a pronoun may be attracted to the case of its antecedent (§ 484) or to the gender of its predicate substantive (§ 465); a verb may be attracted to the number of its predicate substantive (§ 501) or to the mode or tense of another verb on which it depends (§ 590, notes 1 and 4).

# SYNTAX OF SUBSTANTIVES



## AGREEMENT OF SUBSTANTIVES

### APPOSITION

**317.** A substantive used to describe another substantive word, if it denotes the same thing, agrees with it in case (Apposition); if possible, it agrees also in number and gender, but this cannot always be: thus *Kûros ó βασιλεύς Cyrus, the king*, *Kûros καὶ Κροῖσος οἱ βασιλεῖς Cyrus and Croesus, the kings* (cf. § 421), *ó Εὐφράτης ποταμός the river Euphrates*, but *Πέλται πόλις οἰκουμένη Peltæ an inhabited city*.

**318. Apposition to a Sentence.** — A substantive (in the nominative or accusative case) may stand in apposition to the thought expressed by a sentence. *καὶ, τὸ μέγιστον, ἐφοβεῖτο ὅτι ὀφθήσεσθαι ἔμελλε and — most important of all — he was afraid because he was likely to be seen. Xn. Uly. 3, 1, 1. εὐδαιμονοίης, μισθὸν ἡδίστων λόγων happiness be yours — reward for sweetest words E. El. 231.*

**NOTE.** — A word in apposition with a sentence may acquire an adverbial force: thus *δεύτερον αὖ Σολύμοισι μαχέσσατο and secondly*

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**317 a.** In Homer the demonstrative *ὁ* (*δέ*) at the beginning of a sentence is often explained by an appositive further on: thus *ἡ δ' ἀέκουσ' ἄμα τοῖσι γυνὴ κίεν and she unwilling with them went, the woman A 348. τὸ δ' ὑπέρπτατο χάλκεον ἔγχος but it flew over (him), the brazen spear X 275.*

(lit. *the second thing*) he battled with the Solymi Z 184. (For χάριν for the sake of see § 336.)

**319. Partitive Apposition.** — A word in apposition may describe only *in part* the word to which it refers: thus οἰκίαι αἱ μὲν πολλαὶ ἐπεπτώκεσαν, ὀλίγαι δὲ περιῆσαν *the houses mostly had fallen, but a few were still left* Th. 1, 89. οὗτοι . . . ἄλλος ἄλλα λέγει *these say one one thing, another another* Xn. A. 2, 1, 15.

#### PREDICATE SUBSTANTIVE

**320.** A substantive used as a predicate (cf. §§ 326, 341) agrees in case (often also in number and gender, cf. § 317) with the word it describes: thus ἄνδρες ἔστε, φίλοι *be men, my friends* O 734. Δαρεῖος βασιλεὺς ἦν *Darius was king.* ἡ πόλις . . . φρούριον κατέστη *the city turned itself into a fortress* Th. 7, 28. αὐτὸν σατράπην ἐποίησε *he made him satrap* Xn. A. 1, 1, 2. τούτοις χρῶνται δορυφόροις *these they use as body-guards* Xn. Hier. 5, 3.

NOTE. — Observe the difference between the construction of the predicate substantive and that of the direct object (§ 329). Words meaning *be, become, appear, choose, regard, name*, and the like, can have a predicate substantive.

#### PECULIARITIES IN THE MEANING OF SUBSTANTIVES

**321. Collectives.** — A collective substantive, while singular in form, may really have a plural meaning (cf. § 315): so (ἡ) ἵππος *cavalry*, δῆμος *people*, πλῆθος *multitude*, etc. Τροίαν ἐλόντες Ἀργείων στόλος *the Argives' army (which had) taken Troy* Aesch. Ag. 577.

**322. Abstract for Concrete.** — An abstract substantive is often used with concrete meaning (Antonomasia): thus μῖσος *hateful thing* (lit. *hate*), ὄλεθρος *baneful person*

(lit. *destruction*), κήδευμα *relative* (lit. *relationship*); so, by a similar process, τὰ ὅπλα (lit. *arms*) = *camp*, ἰχθύες (lit. *fish*) = *fish market*, etc.

## THE CASES

**323.** In earlier times Greek (or, at any rate, its parent language) possessed three other cases besides those in regular classical use. These were: (1) Ablative (separation), (2) Instrumental (including accompaniment), and (3) Locative (place where). The ablative has become one with the genitive, and the instrumental has been absorbed by the dative. Of the locative some traces still remain (see § 76, note), but most of its forms and functions have been absorbed by the dative.

**324.** The Greeks had a keen sense of the finer shades of meaning conveyed by the different cases, and did not hesitate to use different constructions with the same word: thus ἀκούειν λόγον *to hear a speech* (§ 356), ἀκούειν λόγον *to hear (the whole of) a speech* (§ 356 note 1), ἀκούειν λόγῳ *to hearken (i.e. be obedient) to a speech* (§ 376).

1. Often a combination of words may demand the use of a certain case which no one of them alone could command: as ἐμαυτῇ διὰ λόγων ἀφικόμην (= ἐμαυτῇ δι-ελέχθην) *I have held converse with myself* (lit. *come through words with myself*) E. Med. 872.

2. So verbs compounded with a preposition are thereby (either with the help of the preposition alone, or from the general meaning of the compound) enabled to take a case which the simple verb could not command. (See §§ 345, 370, and 394.)

3. For practical purposes it becomes necessary to classify these various usages, and in the following pages the various uses of the cases are given in detail, but in the use of the cases, as elsewhere, analogy is at work, and it must be remembered that not every use of a case can be put into the grammatical pigeon holes here provided. (As a rule, only the general principles are here stated, and the exact usage with any particular word is always to be learned from the lexicons.)

## THE NOMINATIVE

**325.** The subject of a finite verb is in the nominative case: thus ἡσθένει Δᾶρεῖος *Darius was ill*, ὅστις ἀφικνοῖτο *whosoever came*, μηδεὶς νομισάτω *let nobody think*.

**326.** A noun in the predicate (§ 320) agreeing with the subject of a finite verb is also in the nominative case: thus Κῦρος βασιλεὺς ἦν *Cyrus was king*.

NOTE.—The nominative is not infrequently used in address and exclamations where we might expect the vocative: thus Ζεῦ πάτερ Ἡέλιός θ', ὃς πάντ' ἐφορᾷς *Father Zeus and the Sun who lookest on all things* Γ 277, Κλέαρχε καὶ Πρόξενε καὶ οἱ ἄλλοι οἱ παρόντες Ἑλλήνες *Clearchus, Proxenus, and you other Greeks here present* Xn. A. 1, 5, 16, Οὗτος, τί πάσχεις *Here you, what's the matter?* Ar. V. 1, Σχέτλιος *hard of heart!* E 403.

## THE VOCATIVE

**327.** The person (or thing) addressed stands in the vocative case, often preceded by ὦ: thus ἀνθρώπε, τί ποιεῖς *man, what are you doing?* Xn. Cy. 2, 2, 7. ὦ ἄνδρες Ἀθηναῖοι *men of Athens*. (Cf. § 326, note.)

## THE ACCUSATIVE

**328.** The function of the Accusative is to modify closely and directly the meaning of the verb.

## DIRECT OBJECT

**329.** The direct object of a transitive verb stands in the accusative case: thus τὸν ἄνδρα ὁρῶ *I see the man* Xn. A. 1, 8, 26.

1. Many verbs which are transitive in Greek have no transitive equivalent in English. The following are noteworthy: ὀμνύναι τοὺς θεοὺς *to swear by the gods*, λαμβάνειν τινά *to escape the notice of anybody*, αἰδεῖσθαι or αἰσχύνεσθαι τινά *to feel ashamed before anybody*.

2. On the other hand, many Greek intransitive verbs which are followed by a genitive or dative can be rendered into English by transitive verbs. See §§ 356 and 376.

**330.** Circumlocutions equivalent to a transitive verb may, of course, take an object in the accusative (cf. § 324, 1): thus ἐπιστήμονες ἦσαν τὰ προσήκοντα *they understood their duties* Xn. Cy. 3, 3, 9. συνθήκᾱς ἕξαρνος γίγνεται *he denies the agreement* Dem. 23, 171. ἔστι . . . τὰ μετέωρα φροντιστής *he is a student of things above* Pl. Ap. 18 b. So the verbs λέγω *say* and ποιῶ (-έω) *do*, with the help of an adverb or cognate accusative (§ 331), are enabled to take a direct object of the person: as εὖ or κακῶς λέγειν τινά *to speak good or ill of anybody* (cf. § 340).

## THE COGNATE ACCUSATIVE

† **331.** In Greek, almost any verb, intransitive or transitive, may be followed by an accusative of *kindred meaning* with the verb, to define it more closely: thus δρόμον



δραμεῖν *to run a race*, ἀρίστην βουλήν βουλεύειν *to plan the best plan*, I 74, ἡντύχησαν τοῦτο τὸ εὐτύχημα *they had this good luck* Xn. A. 6, 3, 6, συνέφυγε τὴν φυγὴν ταύτην *he had his share in this banishment* Pl. Ap. 21 a.

332. Circumlocutions equivalent to a verb may, of course, take a cognate accusative (cf. § 330): thus σοφὸς ὢν τὴν ἐκείνων σοφίᾳν *being wise in their wisdom* Pl. Ap. 22 e.

333. The Greeks were very fond of the construction of the cognate accusative, and used it with astonishing freedom. Often the kindred meaning of the accusative is only implied in the verb. The following examples will serve better than explanation to make the matter clear: ζῶ βίον μοχθηρόν *I live a grievous life* S. El. 599. ἀπόλωλε κακὸν μόρον *he has perished (by) an evil fate*, a 166. ἡγωνίζοντο . . . στάδιον *they competed in foot-racing* Xn. A. 4, 8, 27. τὰ Λύκαια ἔθυσσε *he celebrated by sacrifice the Lycaean (festival)* Xn. A. 1, 2, 10. So ἔλκος οὐτάσαι *to make a wound*, ὁδὸν πορεύεσθαι *to make a journey*, πλεῖν θάλατταν *to sail the sea*, ἐξελαύνει . . . σταθμούς *he marches three days' journey*, πῦρ πνεῖν *to breathe (forth) fire*, πῦρ . . . δεδορκώς *looking fire* τ 446. ἡ βουλὴ . . . ἔβλεψε νᾶπυ *the Senate looked mustard* Ar. Eq. 631. δεινός εἰμι ταύτην τὴν τέχνην *I am clever at this business* (cf. § 330) Xn. Cy. 8, 4, 18.

✧ 334. A neuter adjective or pronoun is often used as a cognate accusative, since the substantive with which it would agree is already implied in the verb: thus οὐδὲν ψεύδεται *he's telling no lie* (i.e. οὐδὲν ψεῦδος ψεύδεται) Ar. Ach. 561. τοῦτο ἡρώτᾳ *he asked this question* (i.e. τοῦτο τὸ ἐρώτημα), μεγάλα ὠφελεῖν *to help greatly*, τί

χρήσεται αὐτῷ *what use will he make of him* Ar. Ach. 935.  
 τί κατάκειμαι; *why am I lying down?* Xn. A. 3. 1. 13.

**335. Accusative of the Part Affected.** — Closely allied with the cognate accusative is the accusative of the Part Affected, found mostly with passive and intransitive verbs (see § 335 a): thus βέβληται κενεῶνα *you are hit in the belly* E 284. τὰς φρένας ὑγιαίνειν *to be sound in mind* Hdt. 3, 33. ἀλγεῖν τοὺς πόδας *to have gout* Xn. Mem. 1, 6, 6. τί τὸ δέρμ' ἔπαθες *what's the matter with your hide?* (lit. *what have you experienced in your skin?*) Ar. Pax 746.

**336. Adverbial Uses of the Accusative.** — From the free use in Greek of the cognate accusative (§ 333), there have arisen several adverbial uses of the accusative: thus τὴν ταχίστην (sc. ὁδόν) *the shortest way* (originally with a verb of motion), τοῦτον τὸν τρόπον *in this manner*, χάριν *for the sake of* (originally an accusative in apposition with a sentence, § 318; e.g. ἐμὴν χάριν *for my sake*), δίκην *in the fashion of, like* (e.g. πώλου δίκην *like a colt*), οὐ . . . ἀρχὴν *not at all* (i.e. *not (to make) even the beginning*), μέγα (μεγάλα) *greatly*, τὸ πολὺ (τὰ πολλὰ) *for the most part*, πρῶτον *at first*, πρότερον *formerly*, τὸ λοιπὸν *for the future*, τέλος *finally*, and a good many others whose

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**335 a. "WHOLE AND PART" CONSTRUCTION.** — In Homer (and sometimes also in other poets), an accusative of the part affected often follows an accusative of the direct object: as τὸν δ' ἄορι πληξ' ἀνχένα *him, with his sword, he smote (in) the neck* Λ 240. ἥ σε πόδας νίψει *she shall wish (for) you your feet* τ 356. This construction is often explained as "partitive apposition," but, since the word denoting the part appears in the corresponding passive construction in the accusative case (while the other accusative becomes a nominative, § 511), it can hardly be an appositive (see § 512).

meanings will readily suggest themselves. Here belong also the comparative and superlative of adverbs in -ως (§ 138).

✕ **337. Accusative of Specification.** — The accusative case of certain much used words like ὄνομα *name*, ὕψος *height*, εὖρος *width*, μέγεθος *size* (perhaps originally cognate), very early came to be felt as adverbial, and soon other accusatives came to be used in the same way: thus ποταμὸς Κύδνος ὄνομα, εὖρος δύο πλέθρων *a river, Cydnus by name, two plethra in width* Xn. A. 1, 2, 23. πόδας ὠκὺς Ἀχιλλεύς *Achilles swift of foot*, Hm. τυφλὸς τὰ τ' ὦτα τὸν τε νοῦν τὰ τ' ὄμματ' εἰ *blind in ears, and mind, and eyes, art thou*, S. O.T. 371.

✕ **338. Accusative of Extent.** — The accusative (modifying a verb) is used to denote the extent of time or space: thus ἔμεινεν ἡμέρᾱς πέντε *he remained five days* Xn. A. 1, 2, 11. ἀπέχει ἡ Πλάταια τῶν Θηβῶν σταδίους ἑβδομήκοντα *Plataea is seventy stades from Thebes* Th. 2, 5.

NOTE. — Many accusatives denoting extent can readily be seen to be cognate: thus ἐξελαύνει σταθμοὺς τρεῖς *he marches (a march of) three days' journey* Xn. A. 1, 2, 5. ἐβίω ἔτη ἑξ καὶ ἐνενήκοντα *he lived (a life of) ninety-six years*, Isaeus 6, 18. From such verbs as these the usage came to be extended to other verbs.

✕ **339. Accusative of Limit of Motion.** — The limit of motion in Greek is expressed by the accusative (in prose regularly with the help of a preposition): thus ἐξελαύνει . . . εἰς Κολοσσάς *he marched to Colossae* Xn. A. 1, 2, 6.

**339 a.** In Homer and other poets the accusative alone (without a preposition) is often used to denote the limit of motion: thus κνῖση δ' οὐρανὸν ἴκε *and the fragrance came to the heavens* A 317. μνηστῆρας ἀφίκετο *she came to the suitors* a 332. πέμψει γὰρ Ἀργος *for he will take it to Argos* E. I.T. 604.

## TWO ACCUSATIVES WITH ONE VERB

**340.** Since the cognate accusative may be used with transitive verbs (§ 331), it follows that some verbs may take two accusatives, one of the object and the other cognate: thus τοσοῦτον ἔχθος ἐχθαίρω σε *with such hatred do I hate thee* S. *El.* 1034. Μέλητός με ἐγράψατο τὴν γραφὴν ταύτην *Meletus brought this indictment against me* Pl. *Ap.* 19 b. Κῦρος τὸ στράτευμα κατένειμε δώδεκα μέρη *Cyrus divided his army into twelve divisions* Xn. *Cy.* 7, 5, 13. ταῦτα τοῦτον ἐποίησα *this I did to him* Hdt. 1, 115. τοὺς Κορινθίους πολλά τε καὶ κακὰ ἔλεγε *he said many bad things of the Corinthians* Hdt. 8, 61. Κῦρον αἰτεῖν πλοῖα *to demand vessels of Cyrus* Xn. *A.* 1, 3, 14. πολλὰ διδάσκει μ' ὁ πολὺς βίος *long life teaches me many lessons* E. *Hipp.* 252. ἀναμνήσω ἑμᾶς καὶ τοὺς . . . κινδύνους *I will remind you also of the dangers* Xn. *A.* 3, 2, 11. ἀφαιρεῖσθαι τοῖς . . . Ἑλλήνας τὴν γῆν *to deprive the Greeks of their land* Xn. *A.* 1, 3, 4. τὴν μὲν θυγατέρα ἔκρυπτε τὸν θάνατον τοῦ ἀνδρός *from his daughter he concealed her husband's death* Lys. 32, 7.

Among these verbs are those meaning to *ask, teach, clothe, remind, conceal, deprive, say (anything) of or do (anything) to (a person)*, and many others.

1. When these verbs are used in the passive, the cognate accusative is retained in the same case (§ 512): thus τύπτεσθαι . . . πεντήκοντα πληγὰς *to be struck fifty blows* Aeschin. 1, 139. μουσικὴν . . . παιδευθεῖς *instructed in music* Pl. *Menex.* 236 a. τοῦτο οὐκ ἐψεύσθησαν *in this they were not deceived* Xn. *A.* 2, 2, 13.

**341. Predicate Accusative.** — Verbs meaning to *make, name, appoint, regard*, and the like, may have a predicate

accusative agreeing with the object (§ 320): thus *στρατηγὸν αὐτὸν ἀπέδειξε* *he appointed him general* Xn. A. 1, 1, 2. *ἀύπνους ἄμμε τίθησθα* *you make us wakeful* ι 404. *νόμιζε τὴν μὲν πατρίδα οἶκον* *regard your native land as your house* Xn. Hier. 11, 14.

1. This construction is exactly parallel with *ὁ Κῦρος στρατηγὸς ἀπεδείχθη* *Cyrus was appointed general*, and in the passive construction both accusatives become nominatives (§ 511).

#### PARTICULAR USES OF THE ACCUSATIVE

**342. Subject of the Infinitive.** — The subject of the infinitive stands in the accusative case (see § 629).

NOTE. — Originally the accusative in this construction was probably a direct object, while the infinitive (a verbal substantive, § 628) was used to define the verb still further, but as the infinitive partook more and more of the functions of the verb, the origin of the construction was forgotten, and the accusative came to be used with great freedom as the subject of any infinitive.

**343. Accusative Absolute.** — The participle of an impersonal verb (§ 305, note), having no grammatical connection with the rest of the sentence, stands in the Accusative Absolute (§ 658).

NOTE. — No doubt the accusative absolute, like the genitive absolute (§ 369), owes its origin to a loosening of its grammatical connection with the rest of the sentence. So in a sentence like *ῥεχθὲν δέ τε νῆπιος ἔγνω* *even a fool can see a thing that's been done* P 32, or *δεδογμένον δὲ αὐτοῖς εὐθὺς μὲν ἀδύνατα ἦν ἐπιχειρεῖν* *it was impossible to take up arms at once — a thing which had been voted by them* (cf. § 318) Th. 1, 125, the participle came to be thought of as having little or no connection with the rest of the sentence (“*when a thing has been done* — *even a fool can see it*,” and “*it having been voted by them*,” etc.), and so such participles came to be freely used as an independent construction.

**344. Accusative of Swearing.** — The accusative is used in oaths, regularly preceded by *νή* or *μά*: *νή* or *ναὶ μά* is always affirmative; *οὐ μά* or *μά* alone is negative: thus *νή Δία* *by Zeus*, *ναὶ μὰ Δία* *yes, by Zeus*, *οὐ μὰ Δία* or *μὰ Δία* *no, by Zeus*.

**345. Accusative with Compound Verbs.** — Some verbs by being compounded with a preposition, which can be used with the accusative (§ 346), are thus enabled to take an accusative which they could not otherwise command (§ 324, 2): thus *ἐσπλέοντι τὸν Ἰόνιον κόλπον* (= *πλέοντι ἐς τὸν . . . κόλπον*, § 398, note 1) *to one sailing into the Ionian Gulf*, Th. 1, 24. *τοῦτον διαβὰς* *having crossed this* [river] Xn. A. 1, 2, 6. *ὑπέρβη λάινον οὐδὸν* *he stepped over the threshold of stone*, θ 80.

**346. Prepositions with the Accusative.** — The use of the Accusative to express Extent (§ 338) or Limit of Motion (§ 339) is often made more clear and definite by the help of prepositions. The preposition *εἰς* *into* (as well as the improper preposition *ὡς* *to*), from its meaning, can be used only with the accusative; so also in prose *ἀνά* *up*. Other prepositions used sometimes with the accusative are *ἀμφί* *about*, *διά* *through*, *ἐπί* *towards*, *κατά* *down*, *μετά* *after*, *παρά* *to the side of*, *περί* *round about*, *πρός* *towards*, *ὑπέρ* *above*, *ὑπό* *under*. For the details of their use see §§ 400–417.

## THE GENITIVE

**347.** The uses of the genitive in Greek can be grouped under two heads: the true genitive and the ablative genitive (§ 361), but in many instances the two have become fused together, and not every use of the genitive can be



surely referred to one or the other — in fact, many uses of the genitive are very hard to classify: thus *δέπας οἴνου* *cup of wine* may appear to some a partitive genitive (§ 355), to others a descriptive genitive (of material, § 352, and note); *ταύτης τῆς γενεᾶς εἰμι* *I am of this race* may appear to some a descriptive genitive (§ 352), to others a genitive of source (§ 365), to others still a partitive genitive (§ 355), and many other examples of a similar sort might be quoted.

## A. THE TRUE GENITIVE

### POSSESSIVE GENITIVE

**348.** The genitive limiting a substantive may denote Possession or Belonging: thus *οἰκίᾱ πατρός* *father's house*, *κύματα τῆς θαλάττης* *waves of the sea*, *Ἑλένη ἡ Διός* *Helen the (daughter) of Zeus*.

1. The possessive genitive can stand equally well in the predicate: thus *αἱ κῶμαι . . . Παρυσάτιδος ἦσαν* *the villages were Parysatis' Xn. A. 1, 4, 9.* *νομίζει ὑμᾶς αὐτοῦ εἶναι* *he thinks you are his own Xn. A. 2, 1, 11.* *τῶν γὰρ μάχῃ νικώντων καὶ τὸ ἄρχειν ἐστίν* *for to rule is also (the right) of those who conquer in battle Xn. A. 2, 1, 4.*

NOTE.—The possessive genitive is often used with the definite article when the substantive with which the article would agree can be easily supplied (see § 421): thus *Πολέμαρχος ὁ Κεφάλου* *Polemarchus the (son of) Cephalus*, *τὰ τῆς πόλεως* *the (affairs) of the State*; so also *εἰς τοῦ ἀδελφοῦ* *to my brother's* (i.e. to his house).

2. The meaning of the possessive genitive is often made more clear by the addition of adjectives like *ἴδιος* *one's own*, *οἰκέιος* *belonging to one's house*, *ιερός* *sacred (to)*: thus *ιερὸς ὁ χώρος τῆς Ἀρτέμιδος* *the place is (a) sacred (place) of Artemis Xn. A. 5, 3, 13.*



## SUBJECTIVE GENITIVE

**349.** A genitive limiting a substantive sometimes expresses the relation which would be expressed by the subject of a verb: thus φόβος τῶν πολεμίων *fear of the enemy* (i.e. οἱ πολέμιοι φοβοῦνται *the enemy are afraid*), εὖνοια τῶν πολιτῶν *good will of the citizens*.

NOTE. — The line between the subjective and the possessive (§ 348) genitive is very hard to draw, for the two imperceptibly shade into each other.

## OBJECTIVE GENITIVE

**350.** The genitive may express the relation which would be expressed by the object (direct or indirect) of a verb: thus φόβος τῶν πολεμίων *fear of the enemy* (i.e. φοβεῖται τις τοὺς πολεμίους *some one fears the enemy*), εὖνοια τῶν πολιτῶν *good will toward the citizens* (i.e. εὖνοεῖ τις τοῖς πολίταις *some one is well disposed toward the citizens*), ἐπιθυμία τῆς σοφίᾱς *desire for wisdom*, τούτων αἰτία *the cause of this*.

**351. Objective Genitive with Adjectives.** — Adjectives kindred to verbs which take an object may be followed by an objective genitive ἐπιστήμων τῆς τέχνης *understanding the art* Pl. *Go.* 448 b. ὀψιμαθῆς τῆς ἀδικίᾱς *late in learning injustice* Pl. *Rep.* 409 b. τούτων αἷτιος *responsible for this* Ar. *Eq.* 1356.

## DESCRIPTIVE GENITIVE

**352.** The genitive may describe the substantive which it limits: thus παῖς δέκα ἐτῶν *a boy of ten years*, χιλίων δραχμῶν δίκη *a thousand drachmae suit*, ἀργυρίου μνᾶ *a silver mina*, ἄμαξαι σίτου *wagon loads of grain*, Τροίης πτολίεθρον *city of Troy* (poetic; cf. § 317).

NOTE. — The descriptive genitive is often subdivided into genitive of measure, material, value, etc.

1. The descriptive genitive often stands in the predicate (cf. § 348, 1): thus *ἦν ἐτῶν ὡς τριάκοντα* *he was about thirty years old* Xn. A. 2, 6, 20. *ἡ κρηπίς ἐστι λίθων μεγάλων* *the foundation is of large stones* Hdt. 1, 93.

NOTE. — Here doubtless belongs the infinitive of purpose with τοῦ used by Thucydides and later writers (§ 639): as *φρούριον ἐπ' αὐτοῦ ἦν . . . τοῦ μὴ ἐσπλεῖν Μεγαρεῦσι μὴδ' ἐκπλεῖν μηδέν* *on it there was a fort so that nothing should sail in or out for the Megarians*, Th. 2, 93.

**353. Genitive of Value.** — With words of *valuing, buying, selling*, and the like, the genitive (perhaps originally a descriptive genitive, § 352) is used to denote the value or price: thus *μείζονος αὐτὰ τιμῶνται* *they value them more highly* Xn. Cy. 2, 1, 13. *δραχμῆς πρίασθαι* *to buy for a drachma* Pl. Ap. 26 c. *τῶν πόνων πωλοῦσιν ἡμῖν πάντα τὰγάθ' οἱ θεοί* *the gods sell all things to us at the price of toil* Xn. Mem. 2, 1, 20 (from Epicharmus). *πόσου διδάσκει; πέντε μνῶν* *what is his price for instruction?* *Five minae* Pl. Ap. 20 b.

NOTE. — But if the price is regarded as the *means* of acquiring a thing, it stands in the dative (see § 387).

1. The genitive of value may be made more clear by the help of adjectives like *ἄξιος* *worthy*, *ἀνάξιος* *unworthy*, *ἀντάξιος* *equivalent*, etc.: thus *ἄξιος πολλοῦ* *worth much*, *ἀνάξια ἐμοῦ* (things) *unworthy of me* Pl. Ap. 38 e.

#### PARTITIVE GENITIVE

**354.** A word denoting anything of which only a part is considered, stands in the genitive case.

**355. Partitive Genitive with Substantives.** — A substantive (or substantive pronoun) may be described by a genitive denoting the whole of which it is a part: thus τῶν πελταστῶν ἀνὴρ *a man of the peltasts* Xn. A. 4, 8, 4. ἦλθον ἐξ Ἐφέσου τῆς Ἰωνίας *they came from Ephesus (a part) of Ionia* Xn. A. 2, 2, 6. οἱ ἀλόντες Ἑλλήνων *those of the Greeks who were captured* Hdt. 7, 175. πολλοὶ τῶν στρατιωτῶν *many of the soldiers*, οὐδεὶς τῶν πολεμίων *no one of the enemy*, εἰς τοσοῦτον τόλμης *to such a (point) of boldness* Lys. 12, 22.

1. Adjectives or adverbs of the superlative degree are often followed by a partitive genitive (§ 427, 1): thus βέλτιστος ἀνθρώπων *best (man) of men*.

Here belong also poetical expressions like δῦν γυναικῶν *divine among women* δ 305, etc.

NOTE. — The partitive genitive with substantives has commonly the predicate position (§ 454).

2. The partitive genitive can stand equally well in the predicate: thus ἦν δὲ καὶ ὁ Σωκράτης τῶν ἀμφὶ Μίλητον στρατευομένων *Socrates also was (one) of those engaged in military operations around Miletus* Xn. A. 1, 2, 3. ἐμὲ . . . θὲς τῶν πεπεισμένων *put me down as (one) of the converts* Pl. Rep. 424 c.

**356. Partitive Genitive with Verbs.** — Any verb whose action affects the object only in part is regularly followed by the genitive. Many verbs, from their meaning, are almost always so used, others only occasionally. Thus, verbs meaning to *share, touch, take hold of, be full of, begin, aim at, hit, miss, taste of, smell of, enjoy, hear, remember and forget, care for and neglect, spare, desire, exercise authority* (in some respect) *over*, and the like, regularly

take the genitive: thus λαβόντας τοῦ βαρβαρικοῦ στρατοῦ taking (part) of the barbarian army Xn. A. 1, 5, 7. τῆς γῆς ἔτεμον they ravaged (some) of the country Th. 1, 30. δεῖ ὑμᾶς . . . τῶν κινδύνων μετέχειν you must share the dangers Xn. Hell. 2, 4, 9. συλλήψομαι δὲ τοῦδέ σοι κἀγὼ πόνου but I too will take part with you in this task E. Med. 946. λάβε πέτρης, τῆς ἔχετο he seized hold of the rock, and to this he clung ε 428. τὰ Ἀναξαγόρου βιβλία γέμει τούτων τῶν λόγων Anaxagoras' books are full of these subjects Pl. Ap. 26 d. τοῦ λόγου δὲ ἤρχετο ὧδε and thus he began his speech Xn. A. 3, 2, 7. παιδὸς ὀρέξατο he reached for his child Z 466. νίκης τετυχήκαμεν we have met with victory Xn. Cy. 4, 1, 2. λωτοῖο φαγὼν eating of lotus ι 102. ὀλίγοι . . . σίτου ἐγεύσαντο few tasted of food Xn. A. 3, 1, 3. δαιτὸς ὄνησο enjoy the banquet τ 68. τῆς κραυγῆς ἤσθοντο they perceived the shouting Xn. Hell. 4, 4, 4. δέδοικα μὴ ἐπιλαθώμεθα τῆς οἴκαδε ὁδοῦ I fear lest we forget the homeward way Xn. A. 3, 2, 25. σέθεν δ' ἐγὼ οὐκ ἀλεγίζω but I care not for you A 180. τούτων τῶν μαθημάτων πάλαι ἐπιθυμῶ I have long been desirous of this learning Xn. Mem. 2, 6, 30. ἐκράτουν τῆς θαλάσσης they were masters of the sea Th. 1, 30. Χειρίσοφος ἡγείτο τοῦ στρατεύματος Chirisophus led the army Xn. A. 4, 1, 6.

NOTE 1. — Of course, when these verbs affect the object as a whole, they take the accusative: thus οὐ μετέλαβε τὸ πέμπτον μέρος τῶν ψήφων he did not get (as his share) the fifth part of the votes Pl. Ap. 36 a. θεοῦ ἔκλυεν αὐδὴν he heard the voice of the god O 270. πῖε οἶνον drink wine ι 347. ἔλαβον τῆς ζώνης τὸν Ὀρόντα they seized Orontas by the girdle (i.e. they seized Orontas, but took hold of his girdle) Xn. A. 1, 6, 10. ἦν τὴν γῆν αὐτῶν τέμωμεν if we ravage their land Th. 1, 81.

NOTE 2. — As partitive is to be explained the genitive with verbs of imploring (poetic): as ἐμὲ λισσέσκετο γούνων she besought me by (taking hold of) my knees I 451.

**357. Partitive Genitive with Adjectives.** — Adjectives (and sometimes their adverbs) of kindred meaning with verbs which take the partitive genitive (§ 356) may also be construed with the genitive. See also § 351. (Usually such adjectives stand with a copula, thus forming a circumlocution equivalent to a verb; cf. § 330): thus μέτοχος σοφίᾱς *partaking of wisdom*, μεστὸς κακῶν *full of evil*, λήθης ὧν πλέως *being full of forgetfulness* Pl. *Rep.* 486 c. ἐπιστήμης κενὸς *void of knowledge* (but cf. § 362. 2 and § 347), πλούσιος φρονήσεως *rich in wisdom*, ὑπήκοος τῶν γονέων *obedient to his parents* Pl. *Rep.* 463 d. κακῶν ἄγευστος *without taste of evil* S. *Ant.* 582. ἀμνήμων κακῶν *unmindful of evil* E. *H. F.* 1397 (but cf. § 351).

**358. (Partitive) Genitive of Place.** — The partitive genitive (in prose regularly with the help of a preposition or adverb, see §§ 398–418) is used to denote the place within some *part* of which an action takes place: thus ἵεναι τοῦ πρόσω *to go (into any part of the country) ahead* Xn. *A.* 1, 3, 1. So also δεξιᾱς and ἀριστερᾱς (sc. χειρὸς) *on the right and on the left (hand)*: τὸ δὲ ἀριστερῆς χειρὸς ἔστηκε *and it stands (on a portion of the ground) on the left* Hdt. 5, 77. So περὶ τρόπιος *about (part of) the keel*, διὰ πεδίου *through (part of) the plain*, πέραν τοῦ ποτα-

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**358 a.** In Homer (and sometimes in other poets) the partitive genitive of place (without a preposition) is freely used: thus ἦ οὐκ Ἀργεὸς ἦεν; *was he not (anywhere) in Argos?* γ 251. ἔρχονται πεδίοιο *they are marching along (in) the plain* B 801. ἴξεν . . . τοίχου τοῦ ἐτέρου *he sat (in a part of the space) by the other wall* I 219. ἐστίᾱς μεσομφάλου ἔστηκεν ἤδη μῆλα *already stand the victims at earth's central shrine* Aesch. *Ag.* 1056.

**b.** In Homer (and sometimes in other poets) the partitive genitive of place is occasionally found with adjectives: as ἐναντίοι ἔσταν Ἀχαιῶν *they took their stand over against the Achaeans* Λ 214. More commonly such words are found with a dative (§§ 376 and 392).

μοῦ (in some part of the space) *across the river*, πλησίον τοῦ δεσμοτηρίου (in some part of the space) *near the prison*, etc.

Here belong also the adverbs in -ου like ποῦ, οὐδαμοῦ, etc. (§ 137, 1).

**359. (Partitive) Genitive of Time.** — The genitive is used to denote the time within some *part* of which an action takes place: thus βασιλεὺς οὐ μαχεῖται δέκα ἡμερῶν *the king will not fight (at any time) within ten days* Xn. A. 1, 7, 18: so frequently ἡμέρᾱς *by day*, νυκτός *by night*, χειμῶνος *in the winter*, etc.

**360. Partitive Genitive with Adverbs.** — Adverbs of place and time (rarely others) may be used with a partitive genitive (see §§ 358, 359): thus ποῦ γῆς *where on earth* (Latin *ubinam gentium*). οὐδαμῇ Αἰγύπτου *nowhere in Egypt*, οὐχ ὁράς ἵν' εἴ κακοῦ *you see not in what plight of ill you are* S. Aj. 386. πόρρω τοῦ βίου *far on in life* Pl. Ap. 38 c. ὀψὲ τῆς ἡμέρᾱς *late in the day*. πῶς ἔχεις δόξης; *in what state of opinion are you?* Pl. Rep. 456 d.

NOTE. — The partitive genitive with adverbs is by some authors used very freely; as χρημάτων εὖ ἥκοντες *being well off in money* Hdt. 5, 62. Ἀθηναῖοι ὡς ποδῶν εἶχον τάχιστα ἐβοήθειον *the Athenians, with all possible speed of foot, went to assist* Hdt. 6, 116.

## B. THE ABLATIVE GENITIVE

**361.** The genitive performs also the duties of the original ablative which it has absorbed (see § 323).

### GENITIVE OF SEPARATION

**362.** The ablative genitive is used with words denoting or implying separation: thus



1. **With Verbs.** — ἀπείχον τῆς Ἑλλάδος, *they were distant from Greece* Xn. A. 3, 1, 2. ἡ νῆσος οὐ πολὺ διέχει τῆς ἡπείρου *the island is not far distant from the mainland* Th. 3, 51. δυοῖν ἀδελφοῖν ἐστερήθημεν δύο *of two brothers were we two bereft* S. Ant. 13. τούτους . . . οὐ παύσω τῆς ἀρχῆς *I shall not depose these from office* Xn. Cy. 8, 6, 3. οὐδὲν διοίσεις Χαιρεφώντος σου *will not differ at all from Chaerephon* Ar. Nub. 503.

2. **With Adjectives.** — φίλων ἀγαθῶν ἔρημοι *destitute of good friends* Xn. Mem. 4, 4, 24. ὀρφανὸς ἀνδρῶν *bereft of men* Lys. 2. 60. ἕτερον τὸ ἡδὺ τοῦ ἀγαθοῦ *the pleasant is different from the good* Pl. Geo. 500 d.

3. **With Adverbs.** — χωρὶς τῆς δόξης *apart from the reputation* Pl. Ap. 35 b. ἄνευ πλοίων *without boats* Xn. A. 2, 2, 3. πόρρω τῆς πόλεως *far off from the city* Xn. Hell. 4, 5, 14. διαφερόντως τῶν ἄλλων *differently from the rest* Xn. Hier. 7, 4.

NOTE. — Verbs of depriving sometimes take a genitive of separation instead of the accusative of § 340: thus τῶν ἄλλων ἀφαιρούμενοι χρήματα *taking away property from the rest* Xn. Mem. 1, 5, 3. πόσων ἀπεστέρησθε *of how much have you been bereft?* Dem. 8, 63.

**363. Genitive with Comparatives.** — Adjectives and adverbs of the comparative degree may be followed by a genitive (of separation) of the thing compared (see § 426, 2): thus χρῦσός δὲ κρείσσων μῦθῶν λόγων *gold is more potent than unnumbered words* E. Med. 965. ὑστέρῳ χρόνῳ τούτων *at a time later than these* (events) Hdt. 4, 166. [πονηρίᾳ] θᾶπτον θανάτου θεῖ *baseness runs swifter than death* Pl. Ap. 39 a.

**362 a.** In Homer (and sometimes in other poets) the genitive of separation (or source) is occasionally found (without a preposition) with simple verbs of motion: thus παίδος ἐδέξατο . . . κύπελλον *from her son she took the cup* A 596. βᾶθρων ἵστασθε *arise from the steps* S. O. T. 142.



**364. Genitive with Verbs of Inferiority and Superiority.**

— Verbs denoting Inferiority or Superiority (or Comparison, § 363) may be followed by a genitive of separation: thus τάχει . . . περιεγένου αὐτοῦ *you surpassed him in quickness* Xn. Cy. 3, 1, 19. τούτου . . . οὐχ ἡττησόμεθα εἰ ποιοῦντες *we do not mean to be outdone by him in kindly deeds* Xn. A. 2, 3, 23. τιμαῖς τούτων ἐπλεονεκτεῖτε *in honors you had the advantage of these men* Xn. A. 3, 1, 37. Ἀβροκόμας δὲ ὑστέρησε τῆς μάχης *but Abrocomas was too late for the fight* Xn. A. 1, 7, 12. ἡττῶντο τοῦ ὕδατος *they were vanquished by the water* Xn. Hell. 5, 2, 5.

NOTE. — Observe that the genitive (of separation) with these verbs differs from the (partitive) genitive of § 356 in that the accusative can never be substituted for it (§ 356, note 1).

## GENITIVE OF SOURCE

**365.** The ablative genitive is sometimes used to denote the source: thus μάθε δέ μου καὶ τάδε *but learn of me this also* Xn. Cy. 1, 6, 44. ἐμοῦ ἀκούσεσθε πᾶσαν τὴν ἀλήθειαν *from me you shall hear the whole truth* Pl. Ap. 17 b. Δαρείου καὶ Παρυσάτιδος γίγονται παῖδες δύο *of Darius and Parysatis were born two children* Xn. A. 1, 1, 1.

## GENITIVE OF CAUSE

**366.** The ablative genitive is sometimes used to express cause: thus χώμενος γυναικός *angry because of a woman* A 429. ἐθαύμασα τῆς πολμῆς τῶν λεγόντων . . . *I have wondered at the effrontery of those who say* Lys. 12, 41. τούτους . . . οἰκτῖρω τῆς ἄγαν χαλεπῆς νόσου *I pity them for their very serious infirmity* Xn. Sym. 4, 37. καὶ σφεας τιμωρήσομαι τῆς ἐνθάδε ἀπίξιος *I shall punish them for their coming hither* Hdt. 3, 145. The genitive with ἐνεκα

concerning, on account of, and χάριν for the sake of, is probably a true genitive (§ 347): as ἐλευθερίᾳς ἕνεκα for the sake of freedom Dem. 18, 100.

NOTE. — **Genitive of Exclamation.** The genitive of cause is also used alone in exclamations: thus ἀλλὰ τῆς ἐμῆς κάκης but (to think of) my cowardice! E. Med. 1051. φεῦ τοῦ ἀνδρός alas for the man! Xn. Cy. 3, 1, 39.

**367. Genitive of the Charge or Penalty.** — The genitive, with words of judicial action, is used to denote the Charge or Penalty: thus διώξομαί σε δειλιᾳς I'll prosecute you for cowardice Ar. Eq. 368. δώρων ἐκρίθησαν they have been convicted of bribery (lit. gifts) Lys. 27, 3. τῶν . . . ἀδικημάτων ηὐθύνθη he was acquitted of wrong-doing Th. 1, 95.

So with adjectives of similar meaning: ἔνοχος λιποταξίου liable for desertion Lys. 14, 5. τῆς ἀρχῆς ὑπεύθυνος liable to give account of his office Dem. 18, 117. τῆς προτέρᾳς ὀλιγαρχιᾳς αἰτιώτατος ἐγένετο he was most to blame for the earlier oligarchy Lys. 12, 65 (cf. § 351).

NOTE. — The origin of the Genitive of the Charge or Penalty cannot be surely explained, but most instances can be referred to the genitive of cause (§ 366): as διώκω τοῦτον κλοπῆς I am prosecuting this man for (i.e. because of) theft. On the other hand a genitive like θανάτου in θανάτου τιμῶμαι I set the penalty at death (and so by extension, θανάτου κρίναιν to try for a capital crime) is almost certainly in origin a genitive of value (§ 353).

#### PARTICULAR USES OF THE GENITIVE

**368. Two or More Genitives with One Word.** — It may happen that more than one genitive limits the same word: thus τῶν Ἴόνων τὴν ἡγεμονίην τοῦ πρὸς Δαρείου πολέμου the leadership of the Ionians in the war against Darius Hdt. 6, 2.

**369. The Genitive Absolute.** — A substantive and modifying participle having no grammatical connection with the rest of a sentence stand in the Genitive Absolute (see § 657).

NOTE. — No doubt the Genitive Absolute (like the Accusative Absolute, § 343) arose from the gradual loosening of the grammatical connection of a limiting genitive and participle, until such a genitive came to be felt as an independent construction. Thus, in sentences like οὐδέ τι μῆχος ῥεχθέντος κακοῦ ἔστ' ἄκος εὔρέμεν and *no way is there to devise a cure for evil done* (objective genitive, § 350) I 250, or ὡς δ' ὅτε καπνὸς ἰὼν εἰς οὐρανὸν εὐρὺν ἱκνται ἄστεος αἰθομένοιο as *when smoke rises and reaches to the broad heavens — (the smoke) of a burning city* (descriptive genitive, § 352) Φ 523, the genitives came to be felt as independent constructions, and to mean “*evil having been done*,” “*a city being on fire*.”

**370. Genitive with Compound Verbs.** — Many verbs compounded with prepositions which can be used with the genitive, are thus enabled to take a genitive which, unaided, they could not command (§ 324, 2): thus ἐκβαίν' ἀπ' ἡνυς (= βαίν' ἐξ ἀπ' ἡνυς, § 398, note 1) *step forth from the chariot* Aesch. Ag. 906. προδραμόντες . . . τῶν ὀπλιτῶν *running in advance of the hoplites* (§ 398, note 1) Xn. A. 5, 2, 4. ἡπείρου ἐπιβῆναι *to set foot on land* (= βῆναι ἐπ' ἡπείρου, § 408, 1) ε 399. Especially κατά in the sense of *against* (cf. § 409, 1 B): τούτου δειλιάν καταψηφίζεσθαι (= ψηφίζεσθαι δειλιάν κατὰ τούτου) *to vote cowardice against this man* (i.e. to condemn him for cowardice) Lys. 14, 11. κατεβόων τῶν Ἀθηναίων *they cried out against* (i.e. *decried*) *the Athenians* Th. 1, 67. So κατηγορῶ (-έω) *accuse*, and similar words (cf. § 409, 1 B).

NOTE. — Observe that the genitive with compound verbs may be either a True Genitive (§ 348 ff.), or an Ablative Genitive (§ 361).

**371. Prepositions with the Genitive.** — The use of the Partitive Genitive (of Place or Time, §§ 358, 359) and the Genitive of Separation (§ 362) or Source (§ 365) is often made more clear and definite by the help of prepositions (see § 398). The prepositions *ἀντί* *instead of*, *ἀπό* *from*, *ἐξ* *out of*, *πρό* *before*, and almost all “improper” prepositions (§ 418) are used with the genitive only. Other prepositions used sometimes with the genitive are *ἀμφί* *about*, *διά* *through*, *κατά* *down*, *μετά* *with*, *ὑπέρ* *above*, *ἐπί* *upon*, *παρά* *beside*, *περί* *around*, *πρός* *by, at*, *ὑπό* *under*. For the details of their use see §§ 400–417.

**372. The Genitive of Agent.** — The Agent with passive verbs (§ 516) is regularly expressed by the genitive with *ὑπό* *under, by*, sometimes with *πρός* or *παρά* *at the hands of*, less often by *ἐκ* or *ἀπό* *from*.

## THE DATIVE

**373.** The dative in Greek inherits most of the functions of three earlier distinct cases (see § 323): the True Dative (§ 374), the Locative (§ 383), and the Instrumental (§ 386).

### A. THE TRUE DATIVE

**374.** The True Dative (which belongs properly with verbs or expressions equivalent to a verb) in general denotes that *to* or *for* which anything is or is done. (Hence words denoting *persons* are more likely to stand in the dative than those denoting *things*.) Some words and phrases require a dative to complete their meaning; to others a dative may be added at pleasure.

## DATIVE OF THE INDIRECT OBJECT

**375.** The Indirect Object stands in the dative case: thus *Συέννεσις ἔδωκε Κύρῳ χρήματα πολλά* *Syennesis gave (to) Cyrus a great deal of money* Xn. A. 1, 2, 27. *ἐκείνῳ αὕτη ἡ χώρα . . . ἐδόθη* *to him this country had been given* Xn. Hell. 3, 1, 6. *τῷ Ἀσκληπιῷ ὀφείλομεν ἀλεκτρύονα* *we owe a cock to Asclepius* Pl. *Phaed.* 118 a. *θεοῖσι δὲ χεῖρας ἀνέσχον* *and to the gods they lifted up their hands* Γ 318.

**376.** Many verbs, and circumlocutions equivalent to a verb (cf. § 330), normally require a dative (of the indirect object) to complete their meaning: thus *τοῖς νόμοις πείθονται* *they are obedient to the laws* Xn. *Mem.* 4, 4, 15. *ἐνανμάχεον ἀνηκουστήσαντες τοῖσι στρατηγοῖσι* *they fought, in disobedience to (the orders of) the generals* Hdt. 6, 14. *ἐπίστευον αὐτῷ αἱ πόλεις* *the cities had confidence in him* Xn. A. 1, 9, 8. *τῷ χρηστηρίῳ πίσυνος ἔων* *being confident in the oracle* Hdt. 1, 73. *ὠργίζοντο ἰσχυρῶς τῷ Κλεάρχῳ* *they were mightily angry at Clearchus* Xn. A. 1, 5, 11. *ἐπολέμει τοῖς Θραῖξι* *he waged war with the Thracians* Xn. A. 2, 6, 5. *βασιλεῖ φίλους εἶναι* *to be friends to the king* Xn. A. 2, 1, 20. *οὐ μὴ δυσμενῆς ἔσῃ φίλοις* *surely you will not be hostile to your friends* E. *Med.* 1151. *εἰ τοῖς πλέοσι ἀρέσκοντές ἐσμεν, τοῖσδ' ἂν μόνοις οὐκ ὀρθῶς ἀπαρέσκοιμεν* *if we are in favor with (lit. pleasing to) the majority, we could not by any right be in disfavor with these alone* Th. 1, 38. *τί οὖν πρέπει ἀνδρὶ πένητι* ; *now what is suitable for a poor man?* Pl. *Ap.* 36 d.

In general, verbs (and verbal expressions) meaning *please, profit, trust, aid, befit, obey*, and their opposites (many of which are rendered in English by transitive verbs), require a dative to complete their meaning; but the exact usage with each word must be learned from the lexicons.

NOTE. — Only predicate adjectives regularly take a dative of the indirect object (since an attributive adjective commonly has the genitive, § 351); rarely such a dative is arrogated by an attributive adjective (or even by a substantive, § 393): thus *Ἀἰολός . . . φίλος ἀθανάτοισι θεοῖσιν* *Aeolus, dear to the immortal gods* κ 2.

### THE DATIVE OF INTEREST

**377.** A dative of the Person Interested may be added to almost any sentence.

NOTE 1. — Observe that the dative often adds the idea of personal interest (Advantage or Disadvantage) to what might otherwise be expressed by a genitive. Thus, compare the following: *Δᾶρείου καὶ Παρυσάτιδος γίγονται παῖδες δύο* *of Darius and Parusatis two children were born* (§ 365) Xn. 1. 1, 1, 1. *ἦσαν Κροίσῳ δύο παῖδες* *Croesus was blessed with two children* (§ 379) Hdt. 1, 34. *Δαναῶν ἀπὸ λοιγὸν ἀμῦναι* *to keep destruction away from the Danaans* Π 75. *Δαναοῖσι . . . λοιγὸν ἄμυνον* *relieve the Danaans of the pestilence* A 456. *So δέξατό οἱ σκῆπτρον* *he received the scepter at his hands* B 186.

NOTE 2. — It is convenient to subdivide the dative of Interest into "Advantage or Disadvantage" (§ 378), "Possession" (§ 379), "Agent" (§ 380), "Reference" (§ 382), and the "Ethical" dative (§ 381), but it must be remembered that no hard and fast lines can be drawn between these various uses (§ 324, 3). Thus, in *δαμῖναι ἔτι καὶ τῶν τοῖς βασιλεῦσι ἡ πολυδωρίᾳ* *the custom of giving costly gifts lasts even to this day for the kings*: the dative of Interest (*βασιλεῦσι*) may be explained as dative of Advantage, Possession, or Reference.

**378. Dative of Advantage or Disadvantage.** — The dative of interest may imply Advantage or Disadvantage: thus *πᾶς ἀνὴρ αὐτῷ πονεῖ* *every man labors for himself* S. Aj. 1366. *οἱ τὸ πάγχρῦσον δέρος Πελλίᾳ μετῆλθον* *who went to fetch the golden fleece for Pelias* E. Med. 6. *στεφανοῦσθαι πάντας τῷ θεῷ* *all to be crowned in honor of the god* Xn. Hell. 4, 3, 21. *Δαναοῖσι ἀεικέα λοιγὸν ἄμυνον* *ward off vile pestilence from the Danaans* A 456. (So with *ἀμύνω* alone: *τῇ πόλει . . . ἀμύνειν καὶ θεοῖς* *to defend the State*



and gods Ar. Eq. 577.) τοὺς Θράκας τοὺς τῷ Δημοσθένει ὑστερήσαντας *the Thracians who came too late for* (i.e. to the disadvantage of) *Demosthenes* Th. 7, 29.

**379. Dative of Possession.** — The dative of interest (or advantage) is used with verbs like εἰμί *am*, or γίγνομαι *become*, to denote possession (cf. in Latin *est mihi filius*): thus ἦσαν Κροίσῳ δύο παῖδες *Croesus had two children* Hdt. 1, 34. εἰσὶν ἐμοὶ ἐκεῖ ξένοι *I (luckily) have friends there* Pl. Crit. 45 c. Οὗτις ἐμοί γ' ὄνομα *Noman is my name* ι 366.

**380. Dative of Agent.** — The dative of interest with the perfect or pluperfect passive, or with the verbal in -τέος (§ 666), comes even to denote regularly the Agent: thus πάνθ' ἡμῖν πεποίηται *everything has been done by us* Xn. A. 1, 8, 12. τοσαῦτά μοι εἰρήσθω *let this much have been said by me* Lys. 24, 4. ἡμῖν . . . πάντα ποιητέα (sc. ἐστί) *everything must be done by us* Xn. A. 3, 1, 35.

**381. The Ethical (or Emotional) Dative.** — The dative of a personal pronoun is often used to denote a lively or emotional interest which a person may have in something: thus καί μοι μὴ θορυβήσετε *and do not, I beg you, make any uproar* Pl. Ap. 20 e. Ἀρταφέρνης ὑμῖν Ὑστάσπεός ἐστι παῖς *now Artaphernes, you must know, is the son of Hystaspes* Hdt. 5, 30. καὶ ὁ ἀνὴρ σοι ὁ νεανίας ἐκεῖνος προελθὼν τοῦ λοχᾶγού πρότερος ἐπορεύετο *and, would you believe it, that young fellow stepped out in front, and marched in advance of the captain!* Xn. Cy. 2, 2, 7.

**382. Dative of Reference.** — Datives expressing a remote interest (or merely a point of view) are conveniently classed as datives of Reference: thus σφῶν μὲν ἐντολὴ



Διὸς ἔχει τέλος δὴ *the command of Zeus so far as touches you twain, has its end* Aesch. *Pr.* 12. Σωκράτης ἐδόκει τῆς ἀξίος εἶναι τῇ πόλει *Socrates seemed to be deserving of honor from* (lit. *in reference to*) *the State* Xn. *Mem.* 1. 2, 62. ὄλωλεν ὥς ὄλωλεν τοῖσιν εἰδόσιν *he's dead—as dead may be—for those who know* E. *I.T.* 575. So in the idiomatic expressions like εἰ καὶ ἐκείνῳ βουλομένῳ ταῦτ' ἐστί *if this is agreeable to him also* (lit. *to him wishing*) Xn. *Hell.* 4, 1, 11. Ἐπιδαμνὸς ἐστὶ πόλις ἐν δεξιᾷ ἐσπλέοντι τὸν Ἰόνιον κόλπον *Epidamnus is a city on the right as one sails* (lit. *to, or with reference to, one sailing*) *into the Ionian Gulf* Th. 1, 24. So ὥς συνελόντι εἰπεῖν *to speak briefly* (lit. *to speak from the point of view of one who has condensed the matter*) Xn. *A.* 3, 1, 38.

NOTE.—No hard and fast line can be drawn between the dative of Reference and the dative of Advantage or Disadvantage, for a good many datives can be referred to either class.

## B. THE LOCATIVE DATIVE

**383.** As the heir to most of the functions of an earlier locative case (§ 323) the dative is used in expressions of place and time.

**384. Dative of Place.**—The dative (in prose regularly with the help of a preposition) is used to denote the place *where* (cf. § 384 a): thus ἐν τῇ πόλει *in the city*.

**384 a.** In Homer (and sometimes in other poets) the dative of place without a preposition is freely used: thus τόξ' ὤμοισιν ἔχων *with the bow on his shoulder* A 45. εὔδε μυχῷ κλισίης *he slept in a corner of the tent* I 663. πεδίῳ πέσε *he fell in the plain* E 82. ἀλλ' οὐκ Ἀτρεΐδῃ Ἀγαμέμνονι ἦνδανε θυμῷ *but it pleased not Agamemnon in his heart* A 24. δο κράτος ἔσκε μέγιστον πᾶσι Κυκλώπεσσι *whose power was the greatest among all the Cyclopes* α 71. οὐτιδανοῖσι ἀνάσσεις *you are lord among nobodies* A 231. ναλεῖν ὄρεσι *to dwell in the mountains* S. *OT.* 1451.

**385. Dative of Time.** — The dative (often with the help of a preposition) is used to denote time *when* (cf. § 383): thus τῇ ὑστεραίᾳ *on the following (day)*, τετάρτῳ ἔτει *the fourth year*, μιᾷ νυκτί *on one night*, ἐν τῷ αὐτῷ χειμῶνι *the same winter* Th. 2, 34.

## C. THE INSTRUMENTAL DATIVE

**386.** The dative performs also the duties (in expressing means, manner, cause, accompaniment) of the earlier instrumental case which it has absorbed (§ 323).

**387. Dative of Means.** — The dative may denote the Means or Instrument: thus λίθοις ἔβαλλον *they pelted (them) with stones* Xn. A. 5, 4, 23. ἔησι τῇ ἀξίνῃ *he threw the axe* (lit. *with the axe*) Xn. A. 1, 5, 12. γνωσθέντες τῇ σκευῇ τῶν ὀπλῶν *known by the make of their weapons* Th. 1, 8.

NOTE. — The verb χρῶμαι *use* (i.e. *serve one's self with*) regularly takes the dative of Means: thus λόγῳ χρῶνται *they use reason* Xn. Mem. 3, 3, 11.

**388. Dative of Degree of Difference.** — The dative of means with comparatives and expressions implying comparison (sometimes also with superlatives) denotes the Degree of Difference: thus τῇ κεφαλῇ μείζω *taller by a* (lit. *the*) *head* Pl. Phaed. 100 e. οὐ πολλαῖς ἡμέραις ὕστερον *not many days later* (lit. *later by not many days*) Xn. Hell. 1, 1, 1. πόλῃ λογίμῳ ἢ Ἑλλάς γέγονε ἀσθενεστέρα *Greece has become weaker by one famous city* Hdt. 6, 106. δέκα ἔτεσι πρὸ τῆς ἐν Σαλαμῖνι ναυμαχίας *ten years before the sea fight at Salamis* Pl. Leg. 698 c. πολλῷ πλείστοι *by far the most* Hdt. 5, 92, 5.

**389. Dative of Manner.** — The dative may denote Manner (sometimes with the help of a preposition): thus *τούτῳ τῷ τρόπῳ ἐπορεύθησαν* in this manner they proceeded Xn. A. 3, 4, 23. *δρόμῳ ἔεντο ἐς τοὺς βαρβάρους* on the run they rushed against the barbarians Hdt. 6, 112. So in several adverbial expressions like *βίᾳ* with violence, *σιγῇ* in silence, *τῇ ἀληθείᾳ* in truth, *τῷ ὄντι* in reality, *λόγῳ* in word, *ἔργῳ* in deed, *τῇ ἐμῇ γνώμῃ* in my opinion, *ταύτῃ* (sc. *ὁδῷ*) in this way.

**390. Dative of Respect.** — The dative of Manner or Means is sometimes used to show in what *respect* a thing is so (but this usage has been greatly encroached on by the accusative of specification, § 337): thus *εἰρύτερος ὤμοισι* broader in shoulders I 194. *τῇ φωνῇ τραχὺς* harsh in voice Xn. A. 2, 6, 9. *ισχύειν τοῖς σώμασι* to be strong in their bodies (i.e. with their bodies) Xn. Mem. 2, 7, 7. *ἐγὼ οὔτε ποσὶν εἰμι ταχὺς οὔτε χερσὶν ἰσχυρὸς* I am neither swift of foot nor strong of arm Xn. Cy. 2, 3, 6.

**391. Dative of Cause.** — The dative may be used to denote Cause: thus *ρίγει ἀπωλλύμεθα* we were dying of cold Xn. A. 5, 8, 2. *οὐδενὶ οὕτω χαίρεις ὥς φίλοις ἀγαθοῖς* you delight in nothing so much as in good friends Xn. Mem. 2, 6, 35. *χαλεπῶς φέρω τοῖς παροῦσι πράγμασι* I am distressed at the present circumstances Xn. A. 1, 3, 3.

NOTE. — The dative usually denotes a more active or immediate cause than the genitive of cause (§ 366).

**392. Dative of Accompaniment or Association.** — The dative (often helped by a preposition) may be used with words denoting (or implying) accompaniment, association, or likeness: thus

1. **With Verbs.** — ἐνθάδ' ἰκάνεις νηὶ τε καὶ ἐτάροισι; *are you come hither with your ship and crew?* λ 161. σὺν νηὶ τ' ἐμῇ καὶ ἐμοῖς ἐτάροισιν ἐλθὼν *going with my ship and crew* ι 173. ἡμῖν ἐφείποντο οἱ πολέμοιοι καὶ ἰππικῶ καὶ πελταστικῶ *the enemy followed us with cavalry and pel-tasts* Xn. A. 7, 6, 29. σὺν τῇ ἄλλῃ στρατιᾷ εἰς Ἀθηνᾶς κατέπλευσε *with the remainder of his army he sailed to Athens* Xn. Hell. 1, 4, 10. ὠμίλειτ' αὐτῷ *they associated with him* Xn. Mem. 1, 2, 39. ἀμφισβητοῦμεν ἀλλήλοις *we dispute with each other* Pl. Phaedr. 263 a. τῷ ἡγεμόνι . . . ἔπεσθαι *to follow the leader* Xn. A. 1, 3, 17. ἀλλή-λοις σπονδὰς ἐποίησαντο *they made a truce with each other* Xn. Hell. 3, 2, 20. ἐμαυτῇ διὰ λόγων ἀφικόμεν *I have been reasoning with myself* E. Med. 872. φιλοσόφῳ ἔοικας *you seem like a philosopher* Xn. A. 2, 1, 13. The last example may also be explained as a true dative, § 376.

NOTE. — With words meaning *to fight* the simple dative means *to fight against*; the dative with σὺν *to fight on the side of*: thus Ἀθη-ναίοις μάχεσθαι *to fight against the Athenians*; σὺν Ἀθηναίοις μάχεσθαι *to fight on the side of the Athenians*.

2. **With Adjectives.** — ὅμοιος Ἀχιλλεῖ *like Achilles* Xn. Sym. 4, 6. χώρᾱν ὁμορον τῇ Λακεδαιμονίων *a land con-tiguous with that of the Lacedaemonians* Dem. 15, 22. κόμαι Χαρίτεσσιν ὁμοῖαι *hair like (that of) the Graces* (cf. § 717, 6) P 51. πολλοῖς εἰμι διάφορος *with many I'm at variance* E. Med. 579. So with ὁ αὐτός *the same*: τὸ αὐτὸ τῷ ἡλιθίῳ *the same thing as (lit. with) foolish-ness* Xn. A. 2, 6, 22. ὅπλισμένοι ἦσαν τοῖς αὐτοῖς Κῦρῳ ὅπλοις *they were armed with the same weapons as (those of) Cyrus* (cf. § 717, 6) Xn. Cy. 7, 1, 2.

3. **With Adverbs.** — ἐπομένως τῷ νόμῳ *conformably to law* Pl. Leg. 844 e. σύμμιγα τῇσι γυναιξί *together with the women* Hdt. 6, 58. ἄμα τῇ ἡμέρᾳ *at daybreak* (lit.

*along with the day*). So with *όμοῦ together with*, *έφεξής next in order*.

NOTE.—As dative of accompaniment is probably to be explained the idiomatic use of the dative and αὐτός (§ 175, 3, note 2): as *ρέας τέσσερας αὐτοῖσι τοῖς ἀνδράσι εἶλον they took four ships men and all* (lit. *with the men themselves*) Hdt. 6, 93.

#### PARTICULAR USES OF THE DATIVE

**393. Dative with Substantives.**—The verbal idea in a verbal substantive sometimes makes it possible to construe a dative with it: thus *τὴν τοῦ θεοῦ δόσιν ἐμῖν Heaven's gift to you* (dative of the indirect object, § 375) Pl. *Ap.* 30 d. *πεμφθέντα ταύρων πυρπνόων ἐπιστάτην ζεύγλαισι sent to master* (lit. *as master of*) *with the yoke* (dative of means, § 387) *the fiery bulls E. Med.* 478. *κοινωνίᾳ τοῖς ἀνδράσι association with the men* (dative of association, § 392) Pl. *Rep.* 466 c.

**394. Dative with Compound Verbs.**—Many verbs compounded with *έν*, *σύν*, or with other prepositions which may be used with the dative (§ 395), are thus assisted in taking a dative which the verb of itself could not command: thus *τοῖς ὅρκοις ἐμμένει ὁ δῆμος* (= *μένει έν τοῖς ὅρκοις*, see § 398, note 1) *the people abides by its oaths Xn. Hell.* 2, 4, 43. *συνεπολέμει Κῦρῳ he joined with Cyrus in making war Xn. A.* 1, 4, 2. . . . *ὥς ἐπιβουλεύοι αὐτῷ . . . that he was plotting against him Xn. A.* 1, 1, 3. *ἐπειδὴ προσβάλοιν ἀλλήλοις when they attacked each other Th.* 1, 49. So likewise denominative verbs (§ 298, note) containing these prepositions: as *ἐπιχειρῆσαι ἀλλήλοις to lay hands on each other Th.* 1, 49.

NOTE.—Such compound verbs as take the dative (§ 394) are enabled to do so usually by virtue of the meaning of the preposition alone, but sometimes apparently from the general meaning of the compound (compare the first two examples above with the fourth).

**395. Prepositions with the Dative.** — The use of the Locative Dative (of Place or Time, §§ 384, 385), and the Instrumental Dative (of Accompaniment, § 392), and rarely the True Dative (§ 374), is often made more definite by the help of prepositions. The prepositions *ἐν in*, and *σύν with*, are, from their meaning, used with the dative only. Other prepositions used sometimes with the dative are: *ἐπί upon*, *παρά beside*, *περί about*, *πρός at*, *ὑπό under*. For the details of their use see §§ 400–417.

### PLACE AND TIME (SUMMARY)

**396. 1.** Place *at which* is expressed by the locative (§ 76, note) or locative dative (§ 384), the latter usually with a preposition: *Ἀθήνησι at Athens*, *ἐν τῇ πόλει in the city*.

2. Place *within which* is expressed by the partitive genitive (usually with a preposition or adverb, § 358): *τῆς δεξιᾶς on the right*, *διὰ πεδίου through the plain*.

3. Place *from which* is expressed by the genitive of separation (usually with a preposition, § 362): *ἐξ ἄστεως from town*.

4. Place *towards* or *to which* is expressed by the accusative of limit of motion (in prose regularly with a preposition, § 339) *εἰς τὴν πόλιν into the city*.

**397. 1.** Time *at which* is expressed by the locative dative (§ 385): *τῇ τρίτῃ ἡμέρᾳ on the third day*.

2. Time *within which* is expressed by the partitive genitive (§ 359): *ἡμέρᾳς by day* (i.e. at some time within the day).

3. Time *during which* is expressed by the accusative (§ 338): *τὴν ἡμέραν ταύτην during* (the whole of) *this day*.

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**395 a.** In poetry *ἀνά up(on)*, *ἀμφι about* (also in Herodotus), and *μετά with* are also found with the dative.



## PREPOSITIONS WITH THE CASES

**398.** The Prepositions were originally adverbs modifying the verb, and serving to define more clearly and exactly the adverbial uses of the cases (see § 398 a). They early came to be united with the verb (Composition, § 298), or to be used regularly with such cases as their meaning would allow; then by a sort of crystallization of their usage certain phrases were formed which came to have special or idiomatic meanings.

For the so-called “Improper Prepositions” see § 418.

NOTE 1. — The preposition in Greek has sometimes become attached to the verb where in English it would be rendered with the accompanying substantive: as ἀπεστρατοπεδεύοντο οἱ βάρβαροι τοῦ Ἑλληνικοῦ *the barbarians encamped away from the Greek army* Xn. A. 3. 1. 34.

NOTE 2. — Not infrequently the preposition is used both with the verb and with the substantive: as πρὸς τὴν κώμην προσιώντες *coming forward to the village* Xn. A. 3. 1. 33. εἰς βᾶς εἰς πλοῖον *embarking in a ship* Xn. A. 5. 7, 15. Thus the Greek could say βαίνω εἰς τὴν πόλιν, or εἰσβαίνω τὴν πόλιν, or εἰσβαίνω εἰς τὴν πόλιν *go into the city*, but the tendency was, wherever possible, to join the preposition with the verb.

NOTE 3. — Greek (like Latin) sometimes differs from English in the point of view from which it uses the cases and the accompanying preposition; especially words suggesting *motion* (although denoting *rest*) are often used with a case and preposition appropriate to motion (to or from), although not so rendered in English: thus κατέστη εἰς τὴν βασιλείαν Ἀρταξέρξης *Artaxerxes was established in power* Xn. A. 1. 1. 3. τὴν πόλιν ἐξέλιπον . . . εἰς χωρίον ὀχυρόν *they abandoned the city (and went) into a stronghold* Xn. A. 1. 2. 24. οἱ ἐκ τῆς ἀγορᾶς καταλιπόντες τὰ ὄντια ἔφυγον *the people in the market (lit. from the market) abandoned their wares, and fled* Xn. A. 1. 2. 18. So with

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**398 a.** The adverbial use of the prepositions can be seen very clearly in Homer (see § 298 a), and in some phrases such as πρὸς δέ *and besides* (found even in Attic prose), ἐν δέ *and among* the number, μετὰ δέ *and afterwards*; so περί *exceedingly* in Homer is often an adverb.



corresponding adverbs: οὐ γὰρ εἶχον οἴκοθεν *for I had none (that I could bring) from home* Ar. Pax 522.

#### GENERAL VIEW OF THE PREPOSITIONS

**399. Summary of Usage.** — In Attic prose the prepositions are used as follows:

With the Accusative only: ἀνά, εἰς.

With the Genitive only: ἀντί, ἀπό, ἐξ, πρό.

With the Dative only: ἐν and σύν.

With the Accusative or Genitive: ἀμφί, διά, κατά, μετά, ὑπέρ.

With the Accusative, Genitive, or Dative: ἐπί, παρά, περί, πρὸς, ὑπό.

For the special functions of the cases which admit the aid of prepositions see §§ 346, 371, 395.

#### USE AND MEANINGS OF THE PREPOSITIONS

[In the following pages only the general facts about the meanings and uses of the prepositions (besides a few special phrases) are recorded; the exact details about each preposition are to be found in a lexicon.]

**400. ἀμφί** *about* (properly *on both sides of*, Latin *amb-*); see § 400 a.

1. WITH THE GENITIVE (in origin a Partitive Genitive of Place, § 358) *about, concerning* (rare in prose, περί being generally used instead) ἀμφὶ ὧν εἶχον διαφερόμενοι *quarreling about what they had* Xn. A. 1, 5, 17.

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**399 a.** In poetry, ἀνά, ἀμφί, and μετά are also used with the dative; and ἀμφί is so used by Herodotus.

**400 a.** In Ionic and in poetry ἀμφί is used also with the (locative, § 384) dative, meaning *about*, and so *concerning, because of*: ἀμφ' ὤμοισιν ἔχει σάκος *he has his shield about his shoulders* A 527. ἀμφὶ δίναις *about the eddies* E. I. T. 6. ἀμφ' ἐμὸι στέρεις; *are you lamenting about me?* S. El. 1180.

2. WITH THE ACCUSATIVE (of Extent, § 338) *about*.

Place: τῶν ἀμφὶ Μίλητον στρατευομένων *of those engaged in military operations about Miletus* Xn. A. 1, 2, 3.

Time: ἀμφὶ μέσον ἡμέρας *about noon* Xn. A. 4, 4, 1.

Derived Meanings: ἀμφὶ τὰ πεντήκοντα *about fifty* Xn. A. 2, 6, 15.

IN COMPOSITION: *about, on both sides of*

401. ἀνά *up* (opposed to κατά *down*); see § 401 a.

WITH THE ACCUSATIVE:

A. (of Extent, § 338) *up, along*.

Place: ἀνὰ τὸν ποταμόν *up the river* Hdt. 2, 96. ἀνὰ τὴν Ἑλλάδα *throughout Greece* Hdt. 6, 131.

Derived Meanings: ἀνὰ νύκτα *along (in) the night* Ξ 80. ἀνὰ πᾶσαν ἡμέραν *every day* Xn. Cy. 1, 2, 8.

B. (of Limit of Motion, § 339) *upon*.

Place: θῆκεν ἀνὰ μυρικήν *he put them up on a tamarisk bush* K 466.

Derived Meanings: ἀνὰ κράτος *up to (his) strength (i.e. at full speed)* Xn. A. 1, 10, 15. ἀνὰ ἑκατόν *up to a hundred (i.e. by hundreds)* Xn. A. 5, 4, 12.

IN COMPOSITION: *up, back, again*.

402. ἀντί *instead of, for, originally over against* (Latin *ante*) (but in this use it was supplanted by ἐναντίον).

1. WITH THE GENITIVE (in origin a Partitive Genitive of Place, § 358).

Derived Meanings only: τὰ παρ' ἐμοὶ ἐλέσθαι ἀντὶ τῶν οἴκοι *to choose the lot with me instead of (i.e. rather than) that at home* Xn. A. 1, 7, 1. ἀνθ' ὧν εἶ ἔπαθον *in return for the favours I have received* Xn. A. 1, 3, 4. ἀντὶ ἡμέρης νύξ ἐγένετο *instead of day it became night* Hdt. 7, 37.

IN COMPOSITION: *against, instead, in return*.

401 a. In Epic and Lyric poetry ἀνά is sometimes found with the (locative) dative: as χρῦσέω ἀν (§ 43, note 3) σκῆπτρῳ *upon a golden staff* A 15.

**403. ἀπό** *from, away from* (Latin *ab*).

WITH THE GENITIVE (of Separation or Source, §§ 362, 365) only:

Place: ἀπὸ θαλάσσης μάλλον ᾤκίσθησαν *they were settled rather (at a distance) away from the sea* Th. 1, 7. λύνοντο δὲ τεύχε' ἀπ' ὤμων *and they stripped the armor from their shoulders* P 318. ἐθήρευν ἀπὸ ἵππου *he used to hunt on horseback* (lit. *from a horse*, § 398, note 3) Xn. A. 1, 2, 7.

Time: ἀπὸ τούτου τοῦ χρόνου *from this time* Xn. A. 7, 5, 8.

Derived Meanings: of (remote) agency πλούσιον γίγνεσθαι ἀπὸ τῆς πόλεως *to get rich from the state* Dem. 24, 124. So, sometimes, in Thucydides: ἀπ' αὐτῶν *by them* Th. 1, 17.

IN COMPOSITION: *from, away from*.

**404. διὰ** *through* (cf. Latin *dis*).

1. WITH THE GENITIVE (originally the Partitive Genitive of Place, § 358) *through* (some part of):

Place: ἐξελαύνει διὰ Καππαδοκίᾱς *he marched through Cappadocia* Xn. A. 1, 2, 20.

Time: διὰ νυκτός *through the night* Xn. A. 4, 6, 22.

Derived Meanings: δι' ἐτέων εἴκοσι *through* (i.e. at the end of) *twenty years* Hdt. 6, 118. ἔλεγε . . . δι' ἑρμηνέως *he spoke through an interpreter* Xn. A. 2, 3, 17. διὰ πολέμου αὐτοῖς ἵέναι *to go through war with them* (i.e. to act in a hostile way towards them); so διὰ φιλείᾱς ἵέναι *to act in friendly fashion* Xn. A. 3, 2, 8. διὰ χειρὸς ἔχειν *to hold through* (the grasp of) *one's hand* (i.e. in one's power) Th. 2, 13. τὸν Κῦρον διὰ στόματος εἶχον *they had* (the name of) *Cyrus on* (lit. *passing through*) *their lips* Xn. Cy. 1, 4, 25. διὰ τάχους *through speed* (i.e. *speedily*) Th. 2, 18.

2. WITH THE ACCUSATIVE (of Extent, § 338) *through, throughout*, more often *through* in the sense of *because of*.

Place and Time: βάν ῥ' ἴμεν . . . διὰ νύκτα μέλαιναν . . . διὰ τ' ἔντεα καὶ μέλαν αἶμα *they went on their way through the dark night and through the weapons and the black blood* K 297.

Cause: διὰ καῦμα *through* (i.e. on account of) *heat* Xn. A. 1, 7, 6. κακοὶ δοκοῦμεν εἶναι διὰ τούτων *we appear to be base through* (i.e. *because of*) *this man* Xn. A. 6, 6, 23.

IN COMPOSITION: *through, also apart* (cf. Latin *dis*).

**405.** *eis* (or *ēs*, see § 405 a) *into, to* (for \**ēvs*: cf. § 47 and Latin *in* with the accusative).

WITH THE ACCUSATIVE (of Limit of Motion, § 339) only:

Place: *διέβησαν εἰς Σικελίαν* *they crossed over into Sicily* Th. 6, 2. So also with persons: *εἰς ὑμᾶς εἰσέναι* *to come into the midst of you* Pl. *Ap.* 17 c. *ἐλθεῖν εἰς Ἀχιλλῆα* *to come into the presence of Achilles* P 709.

Time: *πρόπαν ἡμαρ εἰς ἥλιον καταδύντα δαίνυντ'* *all day long till setting sun they feasted* A 601. *εἰς ἐμέ* *to my time* Hdt. 1, 92. *εἰς τὴν ὑστεραίαν οὐχ ἦκεν* *he didn't come the following day* (§ 298, note 3).

Derived Meanings: *εἰς τετρακοσίους* *up to the number of four hundred* Xn. *A.* 3, 3, 6. *εἰς ζώην δεδομένοι* *given for girdle-money* Xn. *A.* 1, 4, 9. *εἰς τέλος* *finally* (§ 298, note 3).

IN COMPOSITION: *in, into, to*.

**406.** *en* *in* (Latin *en-do, in*).

WITH THE (Locative, § 384) DATIVE only:

Place: *ἐν Σπάρτῃ* *in Sparta* Th. 1, 128. *ἐν πολλῇ δὲ ἀπορίᾳ ἦσαν οἱ Ἕλληνες* *the Greeks were naturally in much perplexity* Xn. *A.* 3, 1, 2. *ἐν ἐμοί* *in me* (i.e. in my power) Dem. 18, 193. *ἐν τοῖς φίλοις* *in* (i.e. among) *their friends* Xn. *A.* 5, 4, 32. *ἐν τοῖς ὅπλοις* *in* (i.e. under) *arms* Xn. *A.* 4, 3, 7.

Time: *ἐν πέντε ἡμέραις* *in five days* Xn. *Mem.* 3, 13, 5. *ἐν ταῖς σπονδαῖς* *in* (the time of) *the truce* Xn. *A.* 3, 1, 1.

IN COMPOSITION: *in, on*.

**407.** *ex* (before consonants *ek*, § 47) *out of, from*.

WITH THE GENITIVE (of Separation or Source, §§ 362, 365) only.

Place: *ἐκ Πύλου ἐλθὼν* *going out from Pylos* A 269.

Time: *ἐκ παιδός* *from a child* (i.e. since childhood) Xn. *Cy.* 5, 1, 2. *ἐκ τοῦ ἀρίστου* *from breakfast* (i.e. directly after breakfast) Xn. *A.* 4, 6, 21.

**405 a.** In the earlier Attic prose *ēs* is more common than *eis*; Herodotus regularly uses *ēs*; the poets use either form at pleasure.

**406 a.** Homeric and poetical forms are *ἐνί* (the older form of *ἐν*, cf. *προτί*, § 414 a), and (possibly) *εἰνί*.

Of Source: καὶ γὰρ τ' ὄναρ ἐκ Διὸς ἐστὶν *for a dream, too, is from Zeus* A 63. So sometimes of the (remote) agent (§ 372): ἐκ βασιλέως δεδομένοι *given from* (i.e. by) *the King* Xn. A. 1, 1, 6.

Phrases: ἐκ δεξιᾶς *on* (lit. *from*, § 398, note 3) *the right*, ἐκ πολλοῦ *at* (lit. *from*, § 398, note 3) *a great distance*, ἐξ ἴσου *on an equality*.

IN COMPOSITION: *out of, from, out.*

#### 408. ἐπὶ upon.

1. WITH THE GENITIVE (Partitive Genitive of Place, § 358, or Time, § 359) *upon* (some part of):

Place: παρελαύνων ἐφ' ἄρματος *riding by* (seated) *on a chariot* Xn. A. 1, 2, 16. ἐπὶ τοῦ εὐωνύμου (sc. κέρως) *on the left wing* Xn. A. 1, 8, 9. With words denoting motion, *toward* (some part of), *in the direction of*: ἀπιέναι . . . ἐπὶ Ἰωνίᾳ *to be going away toward Ionia* Xn. A. 2, 1, 3.

Time: ἐπ' εἰρήνης *in time of peace* B 797. ἐπὶ τῶν ἡμετέρων προγόνων *in the time of our forefathers* Xn. Cy. 1, 6, 31.

Derived Meanings: ἐπ' ὀλίγων τεταγμένοι *drawn up a few deep* Xn. A. 4, 8, 11.

2. WITH THE (Locative, § 384) DATIVE *upon, at* (rarely perhaps with the True Dative (§ 374) *toward, against*). αὐτοῦ μὲν ἐπὶ πύργῳ *stay here upon the tower* (i.e. at this place, cf. § 408, 1) Z 431. ἔστι . . . βασιλεία . . . ἐπὶ ταῖς πηγαῖς τοῦ Μαρσίου ποταμοῦ *there is a palace at the source of the Marsyas river* Xn. A. 1, 2, 8. ἐπὶ τῇ θαλάττῃ *at the sea-shore* Xn. A. 1, 4, 1.

Derived Meanings: ἐπὶ τῷ ἀδελφῷ *in the power of his brother* Xn. A. 1, 1, 4. τὸ ἐπὶ τούτῳ *the thing* (next) *upon* (i.e. immediately following) *this* Pl. Ap. 27 b. ἐπὶ τούτοις . . . ὁμόσας *having given an oath upon these terms* Xn. A. 3, 2, 4. (So often ἐφ' ᾧ, ἐφ' ᾧτε *on condition that*, § 596), ἔλαβον τῆς ζώνης τὸν Ὀρόνταν ἐπὶ θανάτῳ *they seized Orontas by the girdle upon* (determination of) *his death* (i.e. as a sign of condemnation) Xn. A. 1, 6, 10. ἐπὶ τίνι μέγα φρονεῖς; *on what do you pride yourself?* Xn. Sym. 3, 8.

In expressions like ὤρσεν ἐπ' Ἀργείοισι *he roused him against the Argives* M 293, the dative seems to be in origin a True Dative (§ 374).

3. WITH THE ACCUSATIVE (of Extent, § 338) *upon* (or of Limit of Motion, § 339) *toward*, ὁράων ἐπ' ἀπείρονα πόντον *gazing over the*

*boundless deep* A 350. ἦλθε θοᾶς ἐπὶ νῆας *he came to the swift ships* A 12. ἐπὶ τὸν ἵππον ἀναβάς *mounting upon his horse* Xn. A. 1, 8, 3. ἐπὶ βασιλεῶ ἰέναι *to be going toward (i.e. against) the king* Xn. A. 1, 3, 1. ἐξέρχονται δὲ ἐπὶ τὴν θήρην *and they go forth to (i.e. for) the hunt* Xn. Cy. 1, 2, 11. ἐπὶ πολὺ *to a great extent* Th. 1, 6.

IN COMPOSITION: *upon (after), over, against.*

#### 409. κατὰ *down* (opposed to ἀνά *up*).

##### 1. WITH THE GENITIVE:

###### A. (of Separation, § 362) *down from.*

Place: ὄχοντο κατὰ τῶν πετρῶν φερόμενοι *they were gone headlong down (from) the cliffs* Xn. A. 4, 7, 14. So κατ' ἄκρης *from the top down* (i.e. completely) N 772. κατὰ νότον *in (lit. down from) the rear* Th. 4, 33.

B. (Partitive Genitive of Place) *down underneath* some part of, *down over* some part of, (down) *against* a person (cf. § 370). κατὰ χθονὸς ὄμματα πῆξας *fixing his eyes upon (a part of) the ground* Γ 217. κατὰ γῆς ὀργυῖας γενέσθαι *to be (buried) fathoms beneath (a part of) the earth* Xn. A. 7, 1, 30.

Derived Meanings: κατ' ἐμυτοῦ ἐρεῖν *to be intending to speak against myself* (cf. § 370) Pl. Ap. 37 b.

##### 2. WITH THE ACCUSATIVE (of Extent, § 338) *down over, down along* (or of Limit of Motion, § 339), *down to.*

Place: κατὰ ρόον *down stream* Hdt. 2, 96. κατὰ πάσαν τὴν γῆν (down) *along over the entire land* Hdt. 3, 109. κατὰ γῆν καὶ κατὰ θάλατταν *along over (i.e. by) land and sea* Xn. A. 3, 2, 13. τὸ καθ' αὐτοὺς *the part along by (i.e. opposite) themselves.*

Time: κατ' ἐκείνον τὸν χρόνον *along (i.e. at) that time* Th. 1, 139 οἱ καθ' ἡμᾶς *those along (at) our time* (i.e. our contemporaries).

Derived Meanings: κατὰ προῆξιν *on business* γ 72. κατὰ φιλίας *for friendship* Th. 1, 60. κατὰ τὸν αὐτὸν τρόπον *according to the same fashion* Xn. Cy. 8, 2, 5. κατὰ κράτος *down to (the limit of) strength* (i.e. at full speed: cf. ἀνὰ κράτος, § 401) Xn. A. 1, 8, 19. κατὰ τὸν νόμον *according to law* Xn. Hell. 1, 7, 5.

IN COMPOSITION: *down, against* (cf. § 370).

**410. μετά** *amid, among* (and so often *close to, close upon*).

1. WITH THE (Partitive, § 354) GENITIVE (probably originally of Place) *among, in company with*: *μετὰ Βοιωτῶν ἐμάχοντο* *they fought among the Boeotians* N 700. *κοινῇ μετὰ σοῦ* *in common along with you* Pl. Crit. 46 d. *μετὰ πολλῶν δακρύων* *amid* (i.e. with) *many tears* Pl. Ap. 34 c.

2. WITH THE ACCUSATIVE (of Limit of Motion, § 339) *into the midst of, and so, more frequently, close upon, close after, after*: *ἔκοντο μετὰ Τρῶας καὶ Ἀχαιοὺς* *they came into the midst of the Trojans and the Achaeans* Γ 264. *βῆ δὲ μετ' ἄλλους* *and he went among* (i.e. close after, in pursuit of) *others* Δ 292. *κάλλιστος μετὰ Πηλεΐωνα* *most beautiful next (after) Peleus' son* B 674. So often *μετὰ ταῦτα* (*close after this*).

IN COMPOSITION: *with* (of sharing), *among, after* (in quest of). Often it denotes *change* (of state or position): as *μεταβαίνω* *go to a new place, μετανοῶ* (*-έω*) *change one's mind, repent*.

**411. παρά** *beside*.

1. WITH THE GENITIVE (of Separation, § 362, or Source, § 365) *from beside, from the side of*: *παρὰ δὲ βασιλέως πολλοὶ πρὸς Κῦρον ἀπῆλθον* *from beside the king many came away to Cyrus* Xn. A. 1, 9, 29. *φάσγανον δὲ ἐρυσσάμενος παρὰ μηροῦ* *drawing his sharp sword from beside his thigh* A 190. *παρ' Αἰγυπτίων μεμαθηκέναι* *to have learned from the Egyptians* II dt. 2, 104. So of the remote agent (§ 372): *παρὰ πάντων ὁμολογεῖται* *it is agreed on the part of all* Xn. A. 1, 9, 1.

2. WITH THE (Locative, § 384) DATIVE *at the side of, at, with*.

Place: *ἡμένη . . . παρὰ πατρὶ γέροντι* *sitting beside her aged father* A 358. *τὰ παρὰ θαλάττῃ χωρία* *the places beside the sea* Xn. A. 7, 2, 25.

Derived Meanings: *ἐστρατήγει παρὰ Κῦρῳ* *he was general beside* (i.e. under) *Cyrus* Xn. A. 1, 4, 3.

**410 a.** In Epic (and rarely in other) poetry *μετά* is found with the (Locative, § 384) dative: as *θεὸς ἔσκε μετ' ἀνδράσι* *he was a god among men* Ω 258.



## 3. WITH THE ACCUSATIVE:

A. (of Limit of Motion, § 339) *to the side of* (usually of persons): πέμπει παρὰ Ξενοφῶντα τοὺς πελταστὰς *he sent the peltasts to* (the side of) *Xenophon* Xn. A. 4, 3, 27.

B. (of Extent, § 338) *along beside, alongside of*.

Place: βῆ . . . παρὰ θίνα *he went along beside the shore* A 34. ἦν παρὰ τὴν ὁδὸν κρήνη *there was a spring alongside the road* Xn. A. 1, 2, 13.

Time: παρὰ πάντα μοι τὸν χρόνον προσῆι *along* (i.e. during) *all the time he used to come in to see me* Pl. Phaed. 116 d.

Derived Meanings: So in phrases like παρ' οὐδέν (lit. *alongside of nothing*, i.e.) *of no account*, παρὰ μικρόν (lit. *alongside of little*, i.e.) *nearly, almost, slightly*.

Often the idea of passing *alongside* suggests passing *beyond*: so παρὰ often means *beyond, contrary to*: as often παρὰ τὸν νόμον *contrary to law*, παρὰ τὴν δόξαν *contrary to expectation*, etc.

IN COMPOSITION: *beside, along by, beyond*.

412. περί *about, round about* (properly *on all sides of*, cf. ἀμφί, § 400).

## 1. WITH THE GENITIVE:

A. (Partitive Genitive of Place, § 358) *about* (some part of): περὶ σπέεος *round about (a part of) the cave* ε 68.

More often in the derived meaning of *about, concerning*: περὶ τῶν ὑμετέρων ἀγαθῶν μαχοίμεθα *we shall fight about your goodly possessions* Xn. A. 2, 1, 12. εἴ τις περὶ τῶν τειοῦτων σοφός ἐστι *if anybody is wise about such matters* Pl. Ap. 19 c.

B. (of Separation, § 362) *all about, surpassing, more than*: περὶ πάντων ἔμμενα ἄλλων *to be superior to all others* A 287. So often in prose in phrases like περὶ πολλοῦ ποιέσθαι *to regard as of great importance* (lit. *more than much*), περὶ οὐδενὸς ποιέσθαι *to regard as of no importance*, περὶ παντὸς ποιέσθαι *to regard as of all possible importance* (as Xn. Cy. 1, 4, 1).

2. WITH THE (Locative, § 384) DATIVE *about* (not frequent in Attic prose): ἔχοντες . . . στρεπτοὺς περὶ τοῖς τραχήλοις *with necklaces*

412 a. For περί exceedingly as an adverb, see § 398 a.

*about their necks* Xn. A. 1, 5, 8. *δεδιότες περὶ τῷ χωρίῳ being alarmed about the place* Th. 1, 60.

3. WITH THE ACCUSATIVE (of Extent, § 338) *round about, about.*

Place: ἀπέστειλαν τὰς ἑκατὸν ναῦς περὶ Πελοπόννησον *they sent off the hundred ships around the Peloponnesus* Th. 2, 23. περὶ Ἑλλήσποντον ὦν *being about (i.e. in the neighborhood of) the Hellespont* Dem. 8, 3. τοὺς περὶ αὐτὸν Πέρσας *the Persians about him* Xn. A. 1, 5, 8.

Time: περὶ τούτους τοὺς χρόνους *about these times* Th. 3, 89.

Derived Meanings: αἰεὶ περὶ κέινον ὀίζυε *he ever troubled about him* Γ 408. περὶ θεοὺς μὴ σωφρονεῖν *not to be sober-minded about the gods* Xn. Mem. 1, 1, 20.

IN COMPOSITION: *around, surpassing* (sometimes = Latin *per-*).

#### 413. πρὸ before (Latin *prō-*).

WITH THE GENITIVE (of Separation, § 362) only:

Place: πρὸ τῶν πυλῶν *out in front of the gates* Xn. Hell. 2, 4, 34.

Time: πρὸ τῆς μάχης *before the battle* Xn. A. 1, 7, 13.

Derived Meanings: πρὸ ὑμῶν ἀγρυπνήσαντα *watching in your behalf (i.e. in front of you as a protection)*, τὸν δὲ πρὸ δέκα μνῶν ἐλοίμην ἄν *another I would choose rather than ten minae* Xn. Mem. 2, 5, 3.

IN COMPOSITION: *before* (so sometimes *in defense of*), *forward, forth.*

#### 414. πρὸς at, by, toward (properly *in front of*).

1. WITH THE GENITIVE (the Partitive Genitive of Place, § 358) *in front of* (some part of), *toward, over against*: τὸ πρὸς ἐσπέρας τεῖχος *the wall in front of (i.e. toward) the west* Xn. Hell. 4, 4, 18. τὰ ὑποζύγια ἔχοντες πρὸς τοῦ ποταμοῦ *with the pack animals on the side toward the river* Xn. A. 2, 2, 4. πρὸς τῶν Καρδούχων ἵέναι *to go in the direction of the Carduchi* Xn. A. 4, 3, 26. So by extension πρὸς πατρός *on the father's side* Hdt. 7, 99. οὐκ ἦν πρὸς τοῦ Κέρου τρόπον *it was not in keeping with Cyrus' character* Xn. A. 1, 2, 11. πρὸς θεῶν *in the sight of the gods*, with words of swearing. So sometimes of the remote agent (§ 272): ὁμολογεῖται πρὸς πάντων *he is acknowledged on the part of all people* Xn. A. 1, 9, 20. (Some of these genitives may be explained as Genitives of Separation, § 362.)

414 a. Homer has also *ποστί* (another form of *πρὸς*) and *ποσί* = *πρὸς*.

2. WITH THE (Locative, § 384) DATIVE *at*: τὰ δεξιὰ τοῦ κέρατος ἔχων πρὸς τῷ Εὐφράτῃ ποταμῷ *with the right of the wing (resting) on the Euphrates river* Xn. A. 1, 8, 4. So, figuratively, πρὸς τούτοις *besides this* (as Xn. Cy. 1, 2, 8).

3. WITH THE ACCUSATIVE (of Limit of Motion, § 339) *to, toward* (properly to a position in front of):

Place: ὑπεχώρησαν πρὸς τὸν λόφον *they retreated toward the hill* Th. 4, 44. πρὸς βορρᾶν *toward the north* Th. 6, 2. So often of persons: ἔρχονται πρὸς ἡμᾶς *they come to us* Xn. A. 5, 7, 20. ἵεναι πρὸς τοὺς πολεμίους *to go toward (i.e. against) the enemy* Xn. A. 2, 6, 10. διαβάλλει Κῆρον πρὸς τὸν ἀδελφόν *he slandered Cyrus to his brother* Xn. A. 1, 1, 3. So often of *feeling toward*: ἀθῆμοῦσι πρὸς τὴν ἔξοδον *they feel discouraged in regard to the expedition* Xn. A. 7, 1, 9.

Derived Meanings: Often πρὸς ταῦτα *in view of this*, πρὸς χάριν *in view of favor* (i.e. with a view to please), πρὸς βίῃν *with (a view to) violence, etc.*

IN COMPOSITION: *to, toward, in addition.*

**415.** σὺν (also ξύν, cf. Lat. *cum*) *with, in company with*: see § 415 a.

WITH THE DATIVE (of Accompaniment, § 392) *only*: βασιλεὺς σὺν στρατειάμει πολλῷ προιέρχεται *the King is advancing with a great army* Xn. A. 1, 8, 1. σὺν θεοῖς *with (the help of) the gods* Xn. Cy. 6, 4, 19. σὺν τῷ νόμῳ (in accordance) *with the law* Xn. Cy. 1, 3, 17.

IN COMPOSITION: *with, together.*

**416.** ὑπέρ *over* (Latin *super*).

1. WITH THE GENITIVE (Partitive Genitive of Place, § 358) *over* (some part of), *above*: ὑπὲρ τῆς κώμης γήλοφος ἦν *above the village was a hill* Xn. A. 1, 10, 12. στή δ' ἄρ' ὑπὲρ κεφαλῆς *and it stood over his head* (cf. § 358 a, 3d example) B 20.

Derived Meanings: From fighting *over* comes the derived meaning *in behalf of, on account of*. πονεῖν ὑπὲρ σοῦ *to toil in behalf of you* Xn. A. 7, 3, 31. ὑπὲρ τῆς ἐλευθερίας ὑμᾶς εὐδαιμονίζω *I congratulate you on account of your freedom* Xn. A. 1, 7, 3. (Later, sometimes, the meaning *in behalf of* comes to mean little more than *about, concerning*.)

**415 a.** The form ξύν occurs in the older Attic writers; the poets use either form; elsewhere σὺν is regularly found.

2. WITH THE ACCUSATIVE (of Extent, § 338) *over, beyond*: ὑπὲρ οὐδὸν ἐβήσεται *he stepped over the threshold* η 135. τοῖς ὑπὲρ Ἑλλήσποντον οἰκοῦσι *with those who dwell beyond the Hellespont* Xn. A. 1, 1, 9. ὑπὲρ δύναν *beyond one's ability*.

IN COMPOSITION: *over, beyond, in behalf of*.

#### 417. ὑπὸ *under* (Latin *sub*).

##### 1. WITH THE GENITIVE:

A. (of Separation, § 362) *from under*: ὑπ' ἀπήνης ἡμιόνους ἔλνον *they loosed the mules from under the wagon* η 5.

B. (Partitive Genitive of Place, § 358) *under*.

Place: *under* some part of, τὰ ὑπὸ γῆς *things under the earth* Pl. Ap. 18 b. ξιφίδια ὑπὸ μάλης ἔχοντας *with daggers under their arms* Xn. Hell. 2, 3, 23. νύμφᾶς . . . δαίδων ὑπο λαμπομενάων ἡγίνεον ἀνὰ ἄστυ *under (the light of) torches they were leading the brides through the city* Σ 492.

Agent: from such examples as the last came the regular usage of ὑπὸ with the genitive to denote the Agent (§ 372), i.e. the person (or thing) *under* whose influence an action takes place: πιεζόμενος ὑπὸ τῶν οἴκοι ἀντιστασιωτῶν *being hard pressed by his political opponents at home* Xn. A. 1, 1, 10. εὖ ἔπαθον ὑπ' ἐκείνου *I was well treated by him* Xn. A. 1, 3, 4. So not infrequently of things παντελῶς ἂν ὑπὸ λιμοῦ ἀπολοίμεθα *we should utterly perish by starvation* Xn. A. 2, 2, 11.

##### 2. WITH THE (Locative, § 384) DATIVE *under, beneath*.

Place: εἶχον δὲ τὰ δρέπανα . . . ὑπὸ τοῖς δίφροις *they had their scythes beneath the chariot boxes* Xn. A. 1, 8, 10. ὑπὸ τῇ ἀκροπόλει *at the foot of the acropolis* Xn. A. 1, 2, 8.

Derived Meanings (chiefly poetic): οἱ . . . ὑπὸ βασιλεῖ ὄντες *those under the power of the King* Xn. Cy. 8, 1, 6. ἐμῶ ὑπὸ δουρὶ δαμέντα *subdued beneath my spear* E 653.

##### 3. WITH THE ACCUSATIVE:

A. (of Limit of Motion, § 339) *to a position under*.

Place: αὐτὸν ἀκοντίζει τις παλτῶ ὑπὸ τὸν ὀφθαλμόν *somebody hit him with a javelin under the eye* Xn. A. 1, 8, 27.

Time: ὑπὸ νύκτα *toward (i.e. just before) night* (cf. Latin *sub noctem*).

*B.* (of Extent, § 338) *along under*.

Place: ἀκρωνυχίαν ὄρους. ὑφ' ἣν ἡ κατάβασις ἦν εἰς τὸ πεδίον *a spur of the mountain, along under which was the descent into the plain* Xn. A. 3, 4, 37. ἐν ταῖς ὑπὸ τὸ ὄρος κώμαις *in the villages among at the foot of the mountain* Xn. A. 7, 4, 5.

Time: ὑπὸ τὴν παροισχομένην νύκτα *along under* (i.e. during) *the past night* Hdt. 9, 58.

IN COMPOSITION: *under, underhandedly, gradually, slightly* (i.e. Latin *sub*-).

## IMPROPER PREPOSITIONS

**418.** Properly the term preposition is applied only to those (earlier) adverbs which can be compounded with a verb into a single word (§ 298), but there are also other adverbs (of varying origin) which, for one reason or another, are regularly found in company with certain cases (mostly the genitive): to these, as a class, is given the name of Improper Prepositions (cf. § 362, 3). The most important of these are: ἄνευ *without*, ἀντίον and ἐναντίον *opposite*, ἐκτός and ἔξω *outside*, ἐντός and εἰσω *inside*, ἐγγύς and πλησίον *near*, ἄχρι and μέχρι *until*, μεταξύ *between*, πέραν *across*, πλὴν *except*, ἕνεκα *on account of*, ἐμπροσθεν *in front of*, ὀπισθεν *behind*, χάριν *for the sake of*, δίκην *in the manner of*, like, λάθρᾳ *without the knowledge of*, ἅμα *along with*, ὥς *to*, and others (cf. § 418 a).

Of these, all except ἅμα and ὥς are used with the genitive. ἅμα is used with the dative (of Accompaniment, § 392) and ὥς with the accusative (of Limit of Motion, § 339) of names of persons only: as ὧ; βασιλέῃ *to the King*.

NOTE. — The genitives used with the improper prepositions are of various sorts. For example, ἄνευ is used with the Genitive of Separation (§ 362), ἐγγύς with the Partitive Genitive of Place (§ 358), and χάριν with the Descriptive Genitive (§ 352).

**418 a.** The following improper prepositions are seldom used except in poetry: ἀγχοῦ *near*, ἄτερ *without*, δέμας *in the form of, like* (cf. δίκην, § 418), δίχα *apart from*, ἐκάς *far from*, ἕκτι *on account of*, ἐνθε(ν) *beneath*, ἐσφι(ν) *away from*, πάρος *before*, τῇλε *far off from*, and міγα, міγδα or σύμμιγα (in Herodotus) *along with*. The last three are used with the dative (cf. § 392, 3); all the rest with the genitive.

## SYNTAX OF ADJECTIVES

**419.** Adjectives are used to modify substantives (including words used substantively) and substantive pronouns.

## AGREEMENT OF ADJECTIVES

**420.** Adjectives (including participles, adjective pronouns, and the definite article, § 443 ff.) agree in gender, number, and case, with the substantives which they modify : thus *ἀνὴρ σοφός* a wise man, *ἀνδρὸς σοφοῦ* of a wise man, *ἀνδράσι σοφοῖς* to wise men, *ὁ παρὼν καιρός* the present occasion, *οὗτος ὁ ἀνὴρ* this man, *ὁ αὐτὸς ἀνὴρ* the same man.

NOTE. — Since an adjective may be equivalent to the genitive case of a substantive, it sometimes happens that an adjective is followed by a genitive case in apposition (§ 317) with the substantive implied in it : as *Ἀθηναῖος ὢν πόλεως τῆς μεγίστης* being a man of Athens, a city the greatest Pl. Ap. 29 d.

**421.** A predicate adjective belonging to two or more substantives is usually plural (or dual), or it may agree with one (usually the nearer) and be understood with the rest : as *αἰεὶ γάρ τοι ἔρις τε φίλη, πολέμοι τε μάχαι τε* for *always strife, and wars, and battles, are dear to you* A 177. For examples of the plural see § 422 below.

**422.** A predicate adjective belonging to substantives of different gender is commonly masculine if the substantives are felt to denote persons, and neuter if they are felt to denote things : thus *ὥς εἶδε πατέρα τε καὶ μητέρα καὶ ἀδελφούς καὶ τὴν ἑαυτοῦ γυναῖκα αἰχμαλώτους γεγενημένους* when he saw that both his father and mother and brother and his own wife had been made captives Xn. Cy. 3,



1, 7. ἡ τύχη καὶ Φίλιππος ἦσαν τῶν ἔργων κύριοι  
*Fortune and Philip were masters of the deeds* Aeschin. 2.  
 118. ἔχω αὐτῶν καὶ τέκνα καὶ γυναῖκας . . . φρουρού-  
 μενα *I have their wives and children safely guarded* (i.e. as  
 chattels) Xn. A. 1, 4, 8.

**423.** A predicate adjective may be used substantively (§ 424), and is then neuter, although the subject may be masculine or feminine (cf. § 422): thus *τερπνὸν* . . . *τράπεζα πλήρης* *a thing of joy is a well-filled board* E. Hipp. 109. *γυνή δὲ θήλυ κατὰ δακρύοις ἔφῃ* *but woman is a feminine thing and prone to tears* E. Med. 928. So often the neuter τί: as *τί ἦν τὰ λεχθέντα* *what was the conversation?* (lit. *the things said were what?*) Pl. Phaed. 58 c.

NOTE. — In tragedy when a woman speaks of herself in the plural (§ 495, note) she regularly uses the masculine form of the participle: thus *ἀρκοῦμεν ἡμεῖς οἱ προθνήσκοντες σέθεν* *sufficient am I* (i.e. Alcestis) *who am dying in your stead* E. Alc. 383.

**424. Adjectives Used Substantively.** — The substantive which an adjective modifies is often omitted when it is a common word like *man, woman, child, thing, land, road, day, hand*, etc., which can be readily understood. The adjective alone then acquires the force of a substantive: thus *ὁ σοφός* *the wise man* (sc. *ἄνθρωπος*), *ἡ καλή* *the beautiful woman* (sc. *γυνή*), *ἀγαθόν* *a good thing* (sc. *πράγμα*), *οἱ πολλοί* *the many* (sc. *ἄνθρωποι*), *ὁ Δαρείου* *the son of Darius* (sc. *υἱός*), *ἡ Ἀγαμέμνωνος* *the daughter of Agamemnon* (sc. *θυγάτηρ*), *τὰ τῆς πόλεως* *the affairs of State* (sc. *πράγματα*), *ἡ ἑαυτοῦ* *my own land* (sc. *γῆ*), *τὴν ἐπὶ Μέγαραι* *the road to Megara* (sc. *ὁδόν*), *τὴν ταχίστην* *the shortest way* (sc. *ὁδόν*), *τῇ ὑστεραίᾳ* *on the following day* (sc. *ἡμέρᾳ*), *τῇ δεξιᾷ* *with the right hand* (sc. *χειρὶ*).



NOTE. — Numerous adjectives have come thus to be used regularly as substantives: thus πατρίς *fatherland* (sc. γῆ), τριήρης *trireme* (sc. ναῦς), μουσική *music* (sc. τέχνη), ἑσπέρα *evening time* (sc. ὥρᾱ), and many others.

**425. Adjectives with Adverbial Force.** — Sometimes in Greek (as is so frequent in Latin) an adjective modifying a substantive in a sentence may have the effect of modifying the predicate: thus χθιζὸς ἔβη *he went yesterday* (i.e. χθές) A 424, εἶδον παννύχιοι *they slept all night long* B 2, τριταῖοι ἀφίκοντο *they arrived on the third day* Th. 1. 60, κατέβαινον . . . σκοταῖοι *they came down in darkness* Xn. A. 4, 1, 10.

#### THE COMPARATIVE DEGREE

**426.** The Comparative Degree denotes *more* than the positive: as σοφώτερος *more wise* or *wiser*. The comparative may be used absolutely, or the person or thing with which comparison is made may be expressed.

1. The comparative used absolutely means *rather, somewhat*, and sometimes (by implication) *too much*: thus γελοιότερον *rather amusing* Pl. Ap. 30 c. χείρους *rather bad* (i.e. rascals), Lys. 16, 3. θάπτον *too quickly*.

2. When the word with which comparison is made is expressed it stands either with ἢ *than*, or else in the genitive case (§ 363): thus σοφώτερος ἢ ἐγώ or σοφώτερος ἐμοῦ *wiser than I*.

NOTE 1. — When ἢ is used after a comparative, the two objects compared regularly stand in the same case, unless the second is the subject of a verb (expressed or understood); then it is in the nominative: thus φιλοῦσα αὐτὸν μᾶλλον ἢ τὸν βασιλεύοντα Ἀρταξέρξην *loving him more than (she did) the king Artaxerxes* Xn. A. 1, 1, 4. ἐπ' ἄνδρας στρατεύεσθαι πολὺ ἀμείνονας ἢ Σκύθας *to march against men much braver than Scythians* ("than against Scythians") Hdt. 7, 10. Rarely a feeling that the second word is the subject of a verb

(expressed or understood) causes it to be put in the nominative: thus *ἀνδρὸς πολὺ δυνατότερον ἢ ἐγὼ υἱόν* *the son of a man much more powerful than I (am)* Xn. *Cy.* 5, 2, 28.

NOTE 2. — The genitive after a comparative is commonly equivalent to the nominative or accusative with *ἢ than*: less often can it be said to represent some other case: thus *τοὺς φόρους οὐδὲν ἥττον τ' ἀνδρὸς ἀπεδίδου* *she used to pay in the taxes no less than (did) her husband* (i.e. *ἢ ὁ ἀνὴρ ἀπεδίδου*) Xn. *Hell.* 3, 1, 12. *σεῦ ἀμείνονι φωτὶ μάχασθαι* *to fight with a better man than you (are)* H. 111. *Ὀρφέως κάλλιον ὑμῆσαι μέλος* *to sing a strain more beautiful than (that of) Orpheus* E. *Med.* 543 (cf. § 717, 4).

NOTE 3. — When two adjectives or adverbs are compared, *ἢ* is always used, and both stand in the comparative degree: thus *πρόθυμος μάλλον ἢ σοφωτέρᾳ* *more willing than wise* E. *Med.* 485.

NOTE 4. — The neuter comparative *πλέον more*, *ἐλάττω* (or *μείων*) *less*, when used purely as adverbs, sometimes do not affect the construction of the sentence: thus *ἀποκτείνουσι τῶν ἀνδρῶν οὐ μείων πεντακοσίων* *they killed at least (lit. not less than) five hundred men* Xn. *A.* 6, 4, 24.

NOTE 5. — Comparatives may also be followed sometimes by *ἀντί* *instead of* (§ 402), or *ἢ* and the infinitive, with or without *ὥστε*, lit. *than so that* (§ 645, note), or *ἢ κατά* (with the accusative) *than according to* (§ 409, 2).

NOTE 6. — A thing may be compared with itself under other circumstances; such a comparison is expressed by the genitive of the reflexive pronoun (§ 470), often helped by *αὐτός* in agreement with the subject (§ 473): thus *ἐγένοντο . . . μακρῶ ἀμείνονες αὐτοὶ ἐωυτῶν* *they far surpassed themselves* Hdt. 8, 86. This usage is sometimes found also with the superlative.

## THE SUPERLATIVE DEGREE

**427.** The superlative degree means *most*: as *σοφώτατος* *most wise* or *wisest*.

1. The superlative may be used absolutely meaning *very*, or it may be followed by a partitive genitive (§ 355, 1): thus *ἀνὴρ σοφώτατος* *a very wise man*, or *σοφώτατος ἀνδρῶν* *wisest (one) of men*.

NOTE.—In place of the partitive genitive the words *ἐν τοῖς* (lit. *among those who*) are also found with the superlative (they do not affect the construction): thus *ἐν τοῖς πρώτοι δὲ Ἀθηναῖοι τὸν σίδηρον κατέθεντο* *the Athenians were the first among those who put aside the wearing of the sword* Th. 1, 6. *ἐν τοῖς βαρύντατ' ἂν ἐνέγκαιμι* *I should bear it most heavily among those (who would bear it heavily)* Pl. Crit. 43 c.

**428. Strengthened Superlative.**—The superlative may be strengthened by *ὥς* or *ὅτι* (less often by *ἤ*, *οἶος*, or other relative words): thus *ὥς τάχιστα* *as quickly as possible*, *ὅτι πλείστοι* *as many men as possible*, *χωρίον οἶον χαλεπώτατον* *an extremely difficult spot* Xn. A. 4, 8, 2 (cf. § 485, note 2).

NOTE.—Probably a word meaning “possible” has come to be omitted in these expressions, since sometimes such a word is found: as *εἰσεφόρησαν ὥς ἐδύναντο πλείστα* *they carried in the most (things) they could* Xn. A. 4, 6, 1.

## SYNTAX OF ADVERBS

**429.** Adverbs modify verbs, adjectives, and other adverbs.

1. An adverb in the attributive position (§ 451) is sometimes used with the force of an adjective: thus *οἱ τότε ἄνθρωποι* *the men of that time*.

NOTE.—An adverb may be modified by a preposition (see § 398): as *εἰς αἰεί* *for ever*.

**430. Comparative and Superlative of Adverbs.**—In general what has been said about the comparative and superlative of adjectives (§§ 426–428) applies also to the comparative and superlative of adverbs: thus *σοφώτερον* *more wisely* or *rather wisely*, *σοφώτατα* *most wisely* or *very wisely*, *σοφώτατα πάντων* (§ 355, 1) *most wisely of all*.

## THE NEGATIVE ADVERBS οὐ AND μή

**431.** Greek possesses two adverbs, οὐ (οὐκ, οὐχ, § 46, οὐχί) and μή, meaning *not*; of these, οὐ is used in negative expressions of *fact*; in other negative expressions μή is used.

1. Hence it follows that in expressions of negative command, wish, purpose, condition (including adjectives and participles which imply a condition, § 653, 6), in relative clauses with indefinite antecedent (§ 620 ff.), and with the infinitive used as a substantive (§§ 633, 635) μή is regularly used.

2. But when the infinitive or participle is used in indirect discourse (§ 671), it retains the negative which it would have had in the direct discourse.

3. A particular word in a sentence may by itself be modified by οὐ, even when the sentence as a whole would require μή: so often οὐκ ἐῷ *not allow = forbid*, οὐ πολλοὶ *not many = few*, οὐ φημι *deny, etc.*: as εἰάν οὐ φῆτε *if you deny* Pl. *Ap.* 25 b. (Cf. § 600, note.)

4. The distinction between οὐ and μή applies also to their compounds: as οὐδείς, μηδείς *nobody*; οὐδέ, μηδέ *not even, etc.*

NOTE. — Irregularities in the use of οὐ and μή. — Occasionally μή is used where we should expect οὐ, or *vice versa* οὐ where we should expect μή. Thus, a participle or adjective depending on a word which has (or might have) μή may take μή by attraction (§ 316): as κελεύει αὐτοῦ μέιναι . . . ἐπὶ τοῦ ποταμοῦ μὴ διαβάοντας *he bade them stay right there at the river without crossing* (here οὐ would be proper (§ 431, 3), but the influence of the infinitive, μέιναι (§ 431, 1), is too strong) Xn. *A.* 4, 3, 28. εἰάν τι τοιοῦτον αἰσθῇ σεαυτὸν μὴ εἰδότα *if you perceive yourself not to be informed on any such matter* (here εἰδότα, being in indirect discourse (§ 431, 2), would naturally take οὐ, but the influence of the conditional clause (§ 431, 1) permits μή to be used) Xn. *Mem.* 3, 5, 23.

The infinitive used as a substantive (§ 635 ff.) sometimes appears to have οὐ instead of μή (§ 431, 1), but in such case the negative probably did not originally belong with the infinitive, but with the word on which the infinitive depends: as *χρὴ δ' οὐ ποθ' . . . παῖδας περισσῶς ἐκδιδάσκεισθαι σοφούς* *one ought never (or never ought) to have his children taught to be too wise* E. Med. 295.

A few rare examples in Classical Greek of the actual misuse of οὐ and μή are probably to be explained simply as grammatical mistakes.

**432.** When one simple negative stands next to another simple negative, οὐ οὐ or μή μή is never found, but always μή οὐ or οὐ μή.

**433. Strengthened Negation.** — In Greek (unlike English) two negatives do not always make an affirmative. The simple negatives (οὐ and μή) usually retain everywhere their separate negative force, but compound negatives following another negative serve only to strengthen the negation: thus *καὶ οὐδὲν μέντοι οὐδὲ τοῦτον παθεῖν ἔφασαν, οὐδ' ἄλλος δὲ . . . ἔπαθεν οὐδεὶς οὐδέν* *however, they say that not even this man suffered any harm, nor did anybody else suffer any harm whatever* Xn. A. 1, 8, 20.

**434. Sympathetic (or Redundant) Negative.** — An infinitive (more rarely a participle or a finite mood) depending on a word which is modified by a negative, or which in itself contains a negative idea (like *hinder*, *forbid*, *deny*, etc.) often takes an extra negative (μή or οὐ) to confirm the idea of negation: as *πᾶς γὰρ ἄσκηδς δύο ἄνδρας ἔξει τοῦ μή καταδύναι* *for each skin will keep two men from sinking* (καταδύναι alone might have been used) Xn. A. 3, 5, 11. *οὐδεμίᾳ ὑμέων ἔχω ἐλπίδα μή οὐ δώσειν ὑμέας δίκην* *I have no expectation that you will not pay the penalty* (μή δώσειν might have been used) Hdt. 6, 11. So also *ὥστε πᾶσιν αἰσχύνην εἶναι μή οὐ συσπουδάξειν* *so that all were*

*ashamed not to take hold earnestly* (μὴ συσπονδάζειν alone might have been used, but αἰσχύνη suggests "thought it not right," and so prepares the way for the extra negative) Xn. A. 2, 3, 11. εἰνάτη δὲ οὐκ ἐξελεύσεσθαι ἔφασαν μὴ οὐ πλήρεος ἑόντος τοῦ κύκλου *and they said they would not march out on the ninth if the circle of the moon were not full* (μὴ . . . ἑόντος alone might have been used) Hdt. 6, 106. (A negative may also be implied in a question, as in the second example below.)

**435. Double Sympathetic Negative.** — So also an infinitive depending on a word which contains a negative idea (§ 434), and which, at the same time, is modified by a negative, may take *two* extra negatives (μὴ οὐ), one in sympathy with the negative idea in the verb, the other in sympathy with the negative adverb: thus ἀλλ' οὐδὲν αὐτοὺς ἐπιλύεται ἡ ἡλικία τὸ μὴ οὐχὶ ἀγανακτεῖν *but their age does not prevent them from being distressed* Pl. Crit. 43 c. τί ἐμποδὼν μὴ οὐχὶ . . . ἀποθανεῖν; *what is to prevent* (i.e. there is *nothing* to prevent) *our being put to death?* Xn. A. 3, 1, 13.

NOTE.—Observe that the double sympathetic negative (μὴ οὐ, which is not to be rendered at all in English) is found only with an infinitive dependent on a *doubly* negative expression: elsewhere (see the last three examples under § 434) one of the negatives (μὴ) always retains its negative force.

### THE ADVERB ἄν

**436.** The adverb ἄν generally serves to give a tinge of indefiniteness to the clause in which it stands. It has no equivalent in English, and often cannot be translated. (For the sake of completeness a summary of its uses is here given.)

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**436 a.** In epic poetry κε (enclitic), an equivalent of ἄν, is also found.



**437.** In independent clauses ἄν is used with the potential optative (§ 563) and the potential indicative (§ 565).

NOTE. — For the *quasi* independent use of ἄν with the infinitive and participle not in indirect discourse see §§ 647 and 662.

**438.** In dependent clauses ἄν is used regularly with the subjunctive in conditional (§§ 604, 609) and relative (§§ 623, 625) clauses.

NOTE. — With εἰ, ὅτε, ὁπότε, ἐπεί, or ἐπειδή, the adverb ἄν unites to form ἑάν (ἦν, ἄν), ὅταν, ὁπότεν, ἐπὴν or ἐπάν (Hdt. ἐπεάν), or ἐπειδάν (cf. § 439, note 1).

**439.** In indirect discourse ἄν is retained (even though the mode is changed) where it originally stood in the direct form, *except* when a dependent subjunctive with ἄν is changed to the optative after a secondary tense; then ἄν disappears. See §§ 670, 2; 673.

NOTE 1. — **Position of ἄν.** — The adverb ἄν never stands at the beginning of its clause. It may stand next to the verb it modifies, or it may stand immediately after some other prominent word in the sentence (as regularly in relative and conditional clauses, § 438). Thus it may stand with the negative (οὐκ ἄν) or with any emphatic word (πῶς ἄν, μάλιστα ἄν) or even with the principal verb instead of the subordinate one with which it really belongs: as σὺν ὑμῖν μὲν ἄν οἶμαι εἶναι τίμιος *with you I think that I should be honored* (i.e. οἶμαι ἄν εἶναι) Xn. A. 1, 3, 6.

NOTE 2. — **ἄν Repeated.** — In a long sentence ἄν is sometimes repeated: as ὑμεῖς δ' ἴσως τάχ' ἄν ἀχθόμενοι . . . κρούσαντες ἄν με . . . ῥᾶδίως ἄν ἀποκτείνετε *but you perhaps might be vexed . . . and strike me . . . and easily kill me* Pl. Ap. 31 a.

NOTE 3. — **Verb Supplied.** — Sometimes the verb with which ἄν belongs is to be supplied from the context: as δικαίως μὲν ἐν ὀλιγαρχίᾳ δίκην δόντος . . . δικαίως δ' ἄν ἐν δημοκρατίᾳ *justly did he suffer punishment at the time of an oligarchy, and justly would he have suffered (sc. δόντος) at the time of a democracy* Lys. 12, 78.



## CONJUNCTIONS

**440.** Conjunctions may be divided into two classes: Coördinate and Subordinate. (For “Postpositives” cf. § 452, note.)

**441.** Coördinate conjunctions connect words, phrases, or clauses which stand in the same construction.

The principal coördinate conjunctions are: *καί* and (Latin *et*), *τε* and (Latin *-que*), *ἀλλά*, *ἄρα* but (Latin *sed*), *δέ* but (Latin *autem*), *οὐδέ* (*μηδέ*) nor, not even, *ἢ* or, than, *ἄρα*, accordingly, so then, *γάρ* for, *οὖν* therefore, accordingly (including *οὐκοῦν* therefore and *οὐκουν* therefore not), *ὥστε* so that (§ 595), *καὶ . . . καί*, or *τε . . . τε*, or *τε . . . καί* both . . . and, *εἴτε . . . εἴτε* whether . . . or, *οὔτε* (*μήτε*) . . . *οὔτε* (*μήτε*) neither . . . nor (§ 431, 4), *ἢ . . . ἢ* either . . . or, *μὲν . . . δέ* on the one hand . . . on the other.

NOTE 1. — *καί* often has the meaning *also* or *even*. The expression *ἄλλως τε καί* means *especially* (literally *in other ways, and also . . .*). The expression *τε . . . καὶ δὴ καὶ* means *and particularly*: thus *δι' ἐρήμων τε τόπων . . . ἄλλων καὶ δὴ καὶ ἐπὶ γῆν* through other desert places and, in particular, beneath the earth Pl. *Phaed.* 112 e.

NOTE 2. — *γάρ* (*-γε + ἄρ*) is often used (e.g. in wishes and in questions and answers) merely to show a close relation or sequence between clauses; it is then often best rendered by *why*, *why then*, *then*, etc. The expression *καὶ γὰρ . . .* may often be conveniently translated ‘yes, for’ and *ἀλλὰ γὰρ . . .* ‘no, for’ or ‘but enough, for.’

**441 a.** In Epic poetry *τε* is freely used to indicate the connection of sentences and clauses where it cannot be rendered in English (it usually marks the sentence as general or indefinite): thus *ὅς κε θεοῖς ἐπιτείθεται, μάλα τ' ἔκλυον αὐτοῦ* whosoever obeys the gods, him they most do hear A 218. The words *οἷός τε* able (lit. *of such kind as to*), *ὥστε* so that, *ἐφ' ᾧτε* on condition that, *ἄτε* inasmuch as, are the survivals in Attic Greek of the Epic usage.

b. Homer has also *ἡμὲν . . . ἥδέ* (= *ἦ + μέν* or *δέ*) now . . . and now, and sometimes *ἥδέ* without a preceding *ἡμὲν* (cf. *δέ*, § 441).

c. Homer has also *αὐταρ* (= *ἄρα*) but; and *ἄρ* and *ῥα* (encl.) = *ἄρα*.

**442.** Subordinate conjunctions connect subordinate clauses with the clauses on which they depend.

The following are the more important subordinate conjunctions (most of them are really relative adverbs): ὅτι *that*, *because*, ὥς *how*, *as*, *that*, εἰ, εἰάν (= εἰ + ἄν) *if*, ὅπως *how*, *as*, *in order that*, ὥστε *so that*, ἵνα *where*, *in order that*, ὅτε, ὁπότε *when*, *since*, ἡνίκα, ὁπηνίκα *at which time*, *when*, ἐπεί, ἐπειδή (= ἐπεί + δῆ) *when*, *since*, ἕστε *until*, ἕως *as long as*, *until* (§ 618, note), μέχρι, ἄχρι *up to that point*, *until*, πρίν *before*, μή (after expressions of fear) *lest*.

NOTE. — οὐχ ὅτι or μὴ ὅτι means *not only* (literally, perhaps, *not to say that . . .*).

## THE DEFINITE ARTICLE, ὁ, ἡ, τό

**443.** Originally ὁ, ἡ, τό, was a demonstrative pronoun, meaning *this*, and in Homer and other early poets (§ 443 a) it commonly has this meaning. In Attic Greek it has come to mean *the*, but in Attic its use as a pronoun has survived in the following phrases :

**442 a.** In epic poetry are found a few conjunctions which do not occur in Attic. The most common are εὔτε *when*, *as*, ἤμος *when* (with indicative only), ὅφρα *as long as*, *until*, *in order that* (§ 590 a).

**b.** Homer often has αἶ (αἶ κε) for Attic εἰ (εἰάν), and ἦος (often wrongly written εἶως) for Attic ἕως. (The latter is formed by interchange of quantity (§ 17) from the Epic form.)

**443 a.** In Homer ὁ, ἡ, τό, is generally used as a demonstrative or anaphoric pronoun (substantive or adjective) : thus ὁ γὰρ ἦλθε *for he* (lit. *that man*) *came* A 12. τῇν δ' ἐγὼ οὐ λύσω *and her I shall not set free* A 29. τοῦ δὲ κλύε Φοῖβος Ἀπόλλων *and him Phoebus Apollo heard* A 43. παῖδα δ' ἐμοὶ λύσαι τε φίλην, τὰ τ' ἄποινα δέχεσθαι *but free my dear child, and accept this ransom* A 20. ὥς ἔφατ', ἔδεισεν δ' ὁ γέρων *thus he spoke, and that old man (before mentioned) feared* A 33. Yet in Homer ὁ, ἡ, τό, is sometimes used in a way that closely approaches the Attic usage : thus ἡ πληθὺς *the (or this) multitude* B 278. τὸν δεξιὸν ἵππον *the (or that) right-hand horse* Ψ 336. τὸ σὸν γέρας *that prize of yours (or your prize)*

1. *ὁ μὲν . . . ὁ δέ* (in all the cases) *the one . . . the other, this . . . that*: as

*οἱ μὲν ἐπορεύοντο, οἱ δ' εἶποντο* *the one party proceeded, and the other followed* Xn. A. 3, 4, 16. *τοὺς μὲν ἀπέκτεινε, τοὺς δ' ἐξέβαλεν* *some he killed and others he banished* Xn. A. 1, 1, 7. *ἐπορεύθησαν τὰ μὲν τι μαχόμενοι, τὰ δὲ καὶ ἀναπαυόμενοι* *they proceeded, sometimes fighting a bit, sometimes resting* Xn. A. 4, 1, 14.

Very often *ὁ δὲ . . .* *but he, and he*, is found without a preceding *ὁ μὲν*; it regularly shows a change in the subject of the sentence: thus *Κῦρος δίδωσιν αὐτῷ μῦρίους δāρεικούς · ὁ δὲ λαβὼν τὸ χρῦσίον στράτευμα συνέλεξεν* *Cyrus gave him ten thousand darics; and he took the money, and collected an army* Xn. A. 1, 1, 9.

2. *τὸν καὶ τόν* *this one and that one*; neuter also *τὸ καὶ τό*, and *τὰ καὶ τὰ*: as

*καὶ ἀφικνουῖμαι ὡς τὸν καὶ τόν* *and I came to this man and that man* Lys. 1, 23.

3. *καὶ τόν* *and he*, *καὶ τήν* *and she* with an infinitive: as *καὶ τὸν εἰπεῖν* *and he said* (cf. also the phrase *καὶ ὅς ἔφη* *and he said*, § 144 a).

4. *πρὸ τοῦ* *before this*.

Often in Homer and Herodotus, and sometimes in Attic tragedy, *ὁ, ἡ, τό*, is used as a relative pronoun (see § 149 a-b).

A 185. *τὸ πρὶν* *the (or that) former time*. *Ἀργείων οἱ ἀριστοὶ* *the (or those) noblest of the Argives*.

443. 1-3 a. Herodotus has also *ὁ γὰρ . . .* *for he . . .*, and *καὶ τόν* in other cases than the accusative.

ὁ, ἡ, τό AS AN ARTICLE (*the*)

**444.** As the definite article ὁ, ἡ, τό, *the* usually marks its substantive as evidently known, or before mentioned : thus ἡ μάχη *the battle*, οἱ Ἕλληνες *the Greeks*, τὰ δέκα ἔτη *the ten years* (of the Trojan war) Th. 1, 11.

**445.** So a substantive modified by an attributive (such as an adjective, adjective pronoun, or a limiting genitive) may take the article if the speaker feels that the substantive, because of this limitation, is made well known to his hearers : thus αἱ πρῶται τάξεις *the foremost ranks*, ἡ εἰμαρμένη ἡμέρᾱ *the fated day*, ἡ τῶν πολλῶν δόξα *the opinion of the multitude*, οὗτος ὁ ἀνὴρ *this man*, ὁ ἐμὸς φίλος *my friend* (but φίλος ἐμός *a friend of mine*).

**446. Article with Proper Names.** — So proper names (if well known or previously mentioned) often take the article : thus ὁ Πλάτων *Plato* (the famous philosopher), οἱ Ἀθηναῖοι *the Athenians*; διέβησαν εἰς Σικελίαν . . . ἐλθόντες δὲ ἐς τὴν Σικελίαν, κ.τ.λ. *they crossed to Sicily . . . And when they had come to* (the) *Sicily* (above mentioned) Th. 6, 2.

NOTE. — Βασιλεύς (the) *King* (of Persia) was probably felt by the Greeks to be a sort of proper name, and so it is often found without the article.

**447. Article with the Force of a Possessive.** — The article modifying a substantive (§ 444) may acquire the force of a possessive pronoun : thus Τισσαφέρνης διαβάλλει τὸν Κῦρον πρὸς τὸν ἀδελφόν *Tissaphernes slandered Cyrus to his* (lit. *the*) *brother* Xn. A. 1, 1, 3. Κλέαρχος . . . ἔχει τὴν δίκην *Clearchus has his* (lit. *the*) *deserts* Xn. A. 2, 5, 38.

**448. Generic Article.** — The article is often used to mark a substantive as belonging to a well-known class : thus *ὁ ἄνθρωπος θνητός ἐστὶν* *man is mortal*, *οἱ γέροντες* *the old*, *ἡ ἀλήθεια* *truth*. (The fact that the article is generic is determined by the context.)

✓ **449. Article with Predicate Substantive.** — The predicate substantive (unless previously mentioned or well known) cannot have the article : thus *Κλέαρχος Λακεδαιμόνιος φυγὰς ἦν* *Clearchus was a Spartan exile* Xn. A. 1, 1, 9. *θάνατός ἐστιν ἡ ζημιά* *the penalty is death* Xn. Mem. 1, 2, 62 (but *τὰς νέας τὸ ξύλινον τεῖχος εἶναι* *that the ships were the wooden wall* (mentioned in the oracle) Hdt. 7, 142).

NOTE. Thus (§ 449) subject and predicate are clearly distinguished in such sentences as *νύξ ἡ ἡμέρη ἐγένετο* *the day became night* Hdt. 1, 103.

#### POSITION OF THE ARTICLE

**450.** The article always precedes the word it modifies.

**451. Attributive Position.** — Words or phrases standing between the article and its substantive (or immediately after the article, if the substantive precedes or is not expressed) are said to have Attributive Position : thus *ὁ ἀγαθὸς ἀνὴρ* *the good man* (cf. § 302).

1. Attributive adjectives (§ 302), and adverbs with adjective force (§ 429, 1), and, in general, most attributive phrases, have attributive position : thus *ἡ Ἑλληνικὴ δύναμις* *the Greek force*, *οἱ τότε ἄνθρωποι* *the men of that time*, *τὰ σιγῇ βουλευόμενα* *the things planned in silence*, *τὸν ἐκ τῶν Ἑλλήνων εἰς τοὺς βαρβάρους φόβον* *the fear inspired by the Greeks in the barbarians* Xn. A. 1, 2, 18.

**452.** When article and attributive together are used with a substantive, three different arrangements are possible : thus, —

- (1) ὁ ἀγαθὸς ἀνὴρ *the good man*.
- (2) ὁ ἀνὴρ ὁ ἀγαθός *the man (namely) the good (one)*.
- (3) ἀνὴρ ὁ ἀγαθός (*a*) *man (namely) the good (one)*.

Of these three arrangements the first is oftenest found, but the second is by no means uncommon, as ἐν τῇ ἀναβάσει τῇ μετὰ Κύρου *on the march inland with Cyrus* Xn. A. 5, 1, 1; the third arrangement is found when the substantive alone would stand without the article : thus σύνειμι μὲν θεοῖς, σύνειμι δὲ ἀνθρώποις τοῖς ἀγαθοῖς *I associate with gods and with men (that is) the good (men)* Xn. Mem. 2, 1, 32.

NOTE. — **Postpositives.** — The words μέν, δέ, γε, τε, τοι, γάρ, δῆ, and οὖν, being “postpositive,” cannot stand at the beginning of a sentence; hence they are often found in the attributive position (§ 451), but without being attributives: as ὁ μὲν οὖν πρεσβύτερος παρὼν ἐτύγχανε *now then the elder happened to be present* Xn. A. 1, 1, 2. (In poetry δῆ sometimes is not postpositive.)

**453. Predicate Position of Adjectives.** — A predicate adjective (§ 302) cannot stand in the attributive position, but either precedes or follows the article and its substantive: thus ἀγαθὸς ὁ ἀνὴρ or ὁ ἀνὴρ ἀγαθός *the man is good*.

1. By using adjectives in the predicate position, the Greeks were able to express frequent subordinate predications which are difficult to render into English: thus ψιλὴν ἔχων τὴν κεφαλὴν *with his head (which was) bare* Xn. A. 1, 8, 6. ἰδρουντι τῷ ἵππῳ *with his horse (which was) in a sweat* Xn. A. 1, 8, 1.



## PECULIARITIES OF POSITION WITH THE ARTICLE

**454. With μέσος, ἄκρος, etc.** — The adjectives μέσος *middle*, ἄκρος lit. *pointed, sharp*, ἔσχατος *farthest*, ἡμίους *half*, when used in the predicate position (§ 453) (often also without the article) mean *middle of, tip of or top of, end of, half of* (cf. Latin *summus mons*): thus μέσῃ ἡ πόλις or ἡ πόλις μέσῃ *the middle of the city* (but ἡ μέσῃ πόλις *the middle city*), ἐπ' ἄκρῳ τῷ ὄρει *on the top of the mountain*.

**455. With πᾶς and ὅλος.** — The adjectives πᾶς (*ἅπᾶς, σύμπᾶς*) *all* and ὅλος *whole*, when used with the article, commonly have predicate position (§ 453): thus πᾶσα ἡ πόλις *the whole city*, πάντες οἱ πολῖται *all the citizens*, ἐν ὅλῃ τῇ πόλει *in the whole city*.

1. But when πᾶς and ὅλος are real attributives, meaning *the whole collectively*, they have the attributive position: thus ἡ πᾶσα Σικελία *entire Sicily*, οἱ πάντες ἄνθρωποι *the whole world* Xn. A. 5, 6, 7. τὸ ὅλον στράτευμα *the entire army* Xn. A. 6, 2, 10.

**456. With Demonstrative Pronouns, etc.** — A substantive modified by a demonstrative pronoun (οὗτος, ὅδε, ἐκεῖνος) or by ἄμφω, ἀμφοτέρω *both*, ἐκάτερος *each* (of two), ἕκαστος *each* (of several) commonly has the article (cf. § 445), and the pronoun has the predicate position (§ 453): thus οὗτος ὁ ἀνὴρ *this man*, ἥδε ἡ γνώμη *this opinion*, τῶ παιδὲ ἀμφοτέρω *both the children*.

NOTE. — But proper names, and substantives modified by numerals or a relative clause, seldom need the article with a demonstrative: thus: Αὐτολύκῳ τούτῳ *for this Autolycus* (here) Xn. Sym. 3, 8. οὗτοι οὓς ὁράτε βάρβαροι *these barbarians whom you behold*. Xn. A. 1, 5, 16.



**457. 1. With Limiting Genitives.** — Genitives of the personal pronouns (including *αὐτός* used for the pronoun of the third person, § 475, 3), when used to limit a substantive with the article, have the predicate position (§ 453): thus *ὁ πατήρ μου* or *ἐμοῦ ὁ πατήρ* *my father*, *οἱ στρατιῶται αὐτοῦ* *his soldiers*.

2. Limiting genitives of other (than personal) pronouns commonly stand in attributive position: thus *ὁ ἐμαυτοῦ πατήρ* *my own father*, *τὸ ἐκείνων πλοῖον* *their boat* Xn. A. 1, 4, 8.

3. The Partitive Genitive modifying a substantive with the article nearly always has predicate position (§ 453).

**458. Predicate Position Modified.** — Most words which regularly have predicate position (§§ 454–457) may, if an attributive word follows the article, stand between the attributive and the substantive: thus *ἡ στενὴ αὕτη ὁδὸς* *this narrow way* Xn. A. 4, 2, 6.

## SYNTAX OF PRONOUNS

**459.** Pronouns (like nouns, § 73, 2) may be either substantive or adjective, and some pronouns (like *τις* and *αὐτός*) are used both substantively and adjectively.

**460. Antecedent.** — The substantive to which a pronoun refers is called its Antecedent (from *antecedo*), since normally it precedes the pronoun: thus *αἱ κῶμαι ἐν αἷς ἐσκήνουν* *the villages in which they were encamped* Xn. A. 1, 4, 9.

**461. Antecedent Implied.** — An antecedent may be implied, instead of being expressed, by some preceding word: thus *ἐλθὼν εἰς Λακεδαίμονα ἔπειθεν αὐτοὺς στρατεύσα-*

*σθαι* *he went to Sparta, and tried to persuade them* (i.e. the Spartans) *to take up arms* Lys. 12, 58. *ναυμαχία παλαιάτη ὧν ἴσμεν* *a sea fight the most ancient of the sea fights* (i.e. *τῶν ναυμαχιῶν*) *of which we know* Th. 1, 13.

**462. Agreement of Pronouns (general).** — An adjective pronoun agrees in gender, number, and case, with the substantive it modifies (cf. § 420); a substantive pronoun agrees with its antecedent in gender, number, and person (so far as these are distinguished in its inflection, cf. § 314 note), but its case depends on the construction of the clause in which it stands: thus *κεῖνον δ' ἐγὼ θάψω* *but I* (Antigone, nom. sing. fem.) *will bury him* (Polynices, acc. sing. masc.) S. *Ant.* 71.

**463.** A pronoun referring to two or more antecedents follows the same principles of agreement as the predicate adjective (§§ 421–423): as *τῇ φωνῇ τε καὶ τῷ τρόπῳ . . . ἐν οἷσπερ ἐτεθράμμην* *in the manner of speech and behavior in which I had been brought up* Pl. *Ap.* 18 a.

**464. Construction according to Sense.** — A pronoun sometimes agrees with the real, rather than with the grammatical, gender of its antecedent (see § 315): as *βίη Ἡρακλείη ὁσπερ . . .* *mighty Heracles* (lit. *might of Heracles*) *who . . .* Hm. *τὸ Ἀρκαδικὸν ὀπλιτικόν, ὧν ἦρχε Κλεάνωρ* *the force of Arcadian hoplites whom Cleanor commanded* Xn. *A.* 4, 8, 18.

1. So a word in the singular may suggest a plural, or *vice versa* a word in the plural may suggest a corresponding singular, and the pronoun may agree with the implied antecedent (cf. § 461): thus *ἡ μάλα τις θεὸς ἔνδον, οἱ οὐρανὸν εὐρὺν ἔχουσιν* *surely a god is within* (one of the gods) *who hold the broad heavens* τ 40 (cf. *τις . . .*

βροτῶν οἱ *one of mortals, who* Z 142). ἀνθρώπους τίνυσθον, ὃ τις κ' ἐπίορκον ὁμόσση *you punish mankind (every single one) whoever swears falsely* Γ 279.

**465. Attraction.** — A pronoun may be attracted (§ 316) to the gender and number of its predicate substantive: thus σκοπεῖν . . . εἰ δίκαια λέγω ἢ μή· δικαστοῦ μὲν γὰρ αὕτη (i.e. for τοῦτο) ἀρετή *to see whether I speak fairly or not, for this is the merit of a judge* Pl. *Ap.* 18 a. (Cf. *hoc opus, hic labor est* Verg. *Aen.* 6, 129.)

## PERSONAL PRONOUNS

**466. Agreement.** — A personal pronoun agrees with its antecedent in person and number; it has no distinction of gender, and its case depends on the construction of the clause in which it stands (§ 462): thus σὺ δ' εἰπέ μοι *but do you* (Antigone, 2d pers. nom. sing. fem.) *tell me* (Creon, 1st pers. dat. sing. masc.) S. *Ant.* 446.

**467.** The personal pronouns in the nominative case are not expressed unless emphatic (see § 305).

**468.** In Attic the pronoun of the third person οὗ, οἷ, etc. (§ 139, 2) is always reflexive (see § 472); to supply its place as a personal pronoun of reference the corresponding forms of αὐτός are used (§§ 140, 1 and 475, 3).

## REFLEXIVE PRONOUNS

**469. Agreement.** — A reflexive pronoun agrees with its antecedent in gender, number, and person; its case depends on its construction in the clause in which it stands.

**470. Direct Reflexive.** — A reflexive pronoun regularly refers to the most important word in the sentence—usually the subject: thus γινώθι σαυτόν *know thyself*: Κλέαρχος . . . ἀφιππεύει ἐπὶ τὴν ἑαυτοῦ σκηνήν *Clearchus rode back to his own tent* Xn. A. 1, 5, 12. τοὺς περιοίκους ἀφῆκεν ἐπὶ τὰς ἑαυτῶν πόλεις *he dismissed to their own cities* Xn. Hell. 6, 5, 21.

**471. Indirect Reflexive.** — In dependent clauses a reflexive pronoun may sometimes refer back to the subject of the principal verb (cf. *se* in Latin): thus ἐβούλετο δὲ καὶ Κλέαρχος ἅπαν τὸ στράτευμα πρὸς ἑαυτόν ἔχειν τὴν γνώμην *moreover, Clearchus wished the entire army to give its mind to him(self)* Xn. A. 2, 5, 29.

1. But αὐτοῦ, αὐτῷ, etc., (§ 475, 3) is also frequently found in dependent clauses referring to the subject of the principal verb (cf. *eius* in Latin): thus τῶν παρ' ἑαυτῷ βαρβάρων ἐπεμελεῖτο ὥς . . . εὐνοϊκῶς ἔχοιεν αὐτῷ *he was careful of the barbarians with him(self) that they should be well disposed toward him(self)* Xn. A. 1, 1, 5.

NOTE 1.—Sometimes the reflexive pronoun of the third person is used in referring to the first or second person (cf. § 143 a): thus εὐρήσετε σφᾶς αὐτοὺς ἡμαρτηκότας *you will find that you have made a mistake* Xn. Hell. 1, 7, 19.

NOTE 2.—The plurals of the reflexive pronouns sometimes have the force of a reciprocal (§ 142) pronoun: thus ἡμῖν αὐτοῖς διαλεξόμεθα *we shall converse with one another* (lit. *with ourselves*) [Dem.] 48, 6.

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**470 a.** In Homer the personal pronouns alone are sometimes used reflexively; more often the reflexive meaning is made clearer by the addition of αὐτός in agreement with the pronoun: thus ἐγὼν ἐμὲ λύσομαι *I will ransom myself* K 378. ἐὲ δ' αὐτὸν ἐποτρύνει μαχέσασθαι *he rouses himself to battle* γ 171.

**472.** The personal pronoun of the third person (οὗ, οἷ, etc.) is in Attic always used as an indirect reflexive (§ 471); rarely the personal pronouns of the first and second persons are so used: thus λέγεται Ἀπόλλων ἐκδεῖραι Μαρσύαν νικήσας ἐρίζοντά οἱ περὶ σοφίας *Apollo is said to have flayed Mursyas when he had outdone him in a contest with himself in skill* Xn. A. 1, 2, 8. So in the phrase δοκῶ μοι *I seem to myself*.

**473.** The use of the reflexive pronouns may be made more emphatic by adding αὐτός (§ 475, 2) in agreement with the subject: thus αὐτοὶ ἐν αὐτοῖς στασιάζοντες *being at variance among themselves* Xn. Hell. 1, 5, 9 (cf. the similar use of *ipse* . . . *se* in Latin).

### THE INTENSIVE PRONOUN αὐτός

**474. Agreement.** — The pronoun αὐτός is used both substantively and adjectively. When used as an adjective it follows the rules of agreement for adjectives (§ 420); when used as a personal pronoun of the third person (§ 475, 3) it follows the rules for agreement of such pronouns (§ 462).

**475. Uses of αὐτός.** — There are three different uses of αὐτός as follows: —

1. As an adjective in the attributive (§ 451) position αὐτός means *same*: thus ὁ αὐτὸς ἀνὴρ *the same man*, ταῦτά (§ 43) *the same things* (sc. πράγματα).

**472 a.** Homer uses εἰ, οἷ, etc., also as a direct reflexive; when so used it regularly has written accent (§ 139, 2).

**475, 1 a.** In Homer αὐτός without the article may mean *the same*: thus αὐτὴν ὁδὸν *the same road* K 263.

2. As an adjective in the predicate position (§ 453), or without the article, *αὐτός* means *self* (*myself, yourself, himself, etc.*): thus *αὐτὸς ὁ ἀνὴρ* or *ὁ ἀνὴρ αὐτός* *the man himself, σὺ αὐτός* *you yourself, etc.*

NOTE. — Frequently in the nominative case (less often in the other cases) the substantive is to be supplied from the context, so that *αὐτός* appears to stand alone meaning *self*. *αὐτός τε καὶ οἱ σοὶ πρόγονοι* (*you*) *yourself and your ancestors* Pl. Crit. 50 e. *αὐτὸν ἐλέησον* (sc. *ἐμέ* from the context) *pity me myself* Ω 503. *καὶ Ἀθηναῖοι πάλιν ἐς Εὐβοίαν διαβάντες . . . κατεστρέψαντο πᾶσαν . . . Ἔσθιας δὲ ἐξοικίσαντες αὐτοὶ τὴν γῆν ἔσχον* *Athenians again crossed over into Euboea and entirely subdued it . . . and, after driving the Histiaians from their homes, took possession of their land themselves* Th. 1, 114. So *αὐτὸς ἔφη* *he himself* (i.e. the master) *said it*.

3. In cases other than the nominative, *αὐτός* may be used substantively as a personal pronoun of the third person (§ 468) *him, her, it, them*. In Attic this is the regular usage: thus *αὐτὸν σατράπην ἐποίησε* *he made him satrap* Xn. A. 1, 1, 2. *οὐδὲν ἤχθετο αὐτῶν πολεμούντων* *he was not at all disturbed because they were fighting*. Xn. A. 1, 1, 8.

#### IDIOMATIC USES OF *αὐτός*

NOTE 1. — With an ordinal numeral *αὐτός* is best translated *with* (*n - 1*) *others*: thus *ἡρέθη πρεσβευτῆς . . . δέκατος αὐτός* *he was chosen ambassador with nine others* (lit. *he himself the tenth*) Xn. Hell. 2, 2, 17.

NOTE 2. — Combined with a substantive in the dative case (§ 392, note) *αὐτός* is best translated *and all*: thus *τέτταρας ναῦς ἔλαβον αὐτοῖς ἀνδράσι* *they took four ships, crews and all* (lit. *with the men themselves*) Xen. Hell. 1, 2, 12.

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475, 3 a. In Homer *αὐτός* seldom does duty as a personal pronoun, but is usually intensive (sometimes only by contrast): thus *αὐτοὺς δὲ ἐλώρια τεύχε κόνεσσιν* *and made themselves* (i.e. their bodies, in contrast with their souls) *a prey for dogs* A 4.

## POSSESSIVE PRONOUNS

**476. Agreement.** — A possessive pronoun is an adjective, agreeing in gender, number, and case, with the word it modifies, but its *stem* conforms to the person and number of its antecedent. Thus, in ὁ ἐμὸς πατήρ *my father*, ἐμὸς agrees with πατήρ in gender, number, and case, but its stem ἐμο- corresponds with that of the pronoun of the first person singular.

**477.** An equivalent of the possessive pronoun often found is the genitive of the personal pronouns μου, σου, ἡμῶν, ὑμῶν (and for the third person αὐτοῦ, αὐτῆς, αὐτῶν, § 468), always in the predicate position (§ 457, 1): thus ὁ πατήρ μου *my father*, ὁ ἀδελφὸς αὐτοῦ *his brother*, ὁ ἀδελφὸς αὐτῆς *her brother*.

NOTE. — Since a possessive pronoun is equivalent to a genitive case, a word in the genitive may stand in apposition (§ 317) to a possessive pronoun: thus δαῖρ αὐτ' ἐμὸς ἔσκε κυνώπιδος *my brother by marriage was he also — of shameless me* Γ 180. αὐτῶν γὰρ σφετέρῃσιν ἀτασθαλίῃσιν ὄλοντο *for by their own perversity they perished* α 7 (cf. § 420, note).

**478.** The possessive pronouns (except ὅς and σφέτερος, which are always reflexive) may or may not refer to the subject of the sentence; usually in referring to the subject the genitive of the reflexive pronouns (ἐμαντοῦ, σεαυτοῦ, ἐαυτοῦ, etc.), in the attributive (§ 457, 2) position, is used. This is the regular prose usage with the third person singular, since ὅς is poetic only: thus Κλέαρ-

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**477 a.** In Ionic εὖ and σφέων may be used where Attic would use αὐτοῦ, αὐτῆς, or αὐτῶν (cf. § 468).

**478 a.** In Homer ὅς (έός) usually refers to the subject, but sometimes to a more prominent word in the sentence (cf. § 470): as γόον Ἐκτορα ᾗ ἐν οἴκῳ *they mourned for Hector in his own house* Z 500.



χος τοὺς αὐτοῦ στρατιώτᾱς ἐβιάζετο λέναι *Clearchus tried to force his own soldiers to proceed* Xn. A. 1, 3, 1.

**479.** A possessive pronoun is sometimes made clearly reflexive by the addition of αὐτός in the genitive case (cf. § 477 note); in the singular this usage is poetic only, but in the plural it is very common: thus ἐμὸν αὐτοῦ χρεῖος *my own need* B 45. ἐὸν αὐτοῦ χρεῖος *his own need* α 409. τοῖς σοῖσιν αὐτοῦ *to your own (friends)* S. O. R. 416. ἀπὸ τῆς ἡμετέρᾱς αὐτῶν *far from our own (land)* Th. 6, 21.

### DEMONSTRATIVE PRONOUNS

**480. Agreement.** — The demonstrative pronouns are used both adjectively (§ 420), as οὗτος ὁ ἀνὴρ *this man*, and substantively, as οὗτος *this (man)*, ἐκείνη *that (woman)*, τάδε *these (things)* (cf. § 459).

**481.** Of the demonstrative pronouns οὗτος *this, that*, is the most general in meaning, and is most frequently used. Ὅδε *this (here)* refers to something near the speaker: ἐκεῖνος *that (over there)* refers to something remote: thus οὗτός γ' Ἀτρεΐδης *this man (of whom you ask) is Atreus' son* Γ 178. Ἐκτορος ἥδε γυνή *this (woman here) is Hector's wife* Z 460. εἰ κείνον . . . ἰδοίαιτο *if they should see that man (i.e. Odysseus, who is now far away)* α 163.

For the predicate position of demonstrative pronouns see § 456.

**482.** Generally in referring backward (to something previously mentioned) οὗτος (less often ἐκεῖνος) is used, while in referring forward (to something about to be mentioned) ὅδε (sometimes οὗτος) is employed: as τεκμή-

ριον δὲ τούτου καὶ τόδε *a proof of that* (which I have said) *is also this* (which I am now going to state) Xn. A. 1, 9, 29.

So also τοιοῦτος, τοσοῦτος, usually refer back, while τοιόσδε and τοσόσδε usually refer forward.

NOTE. — The demonstrative ὅδε is often equivalent to a possessive, or even a personal, pronoun of the first person; this use is especially common in tragedy: thus σκήπτρῳ τυπεῖς ἐκ τῆσδε χειρός *struck by the staff held in this hand (of mine)* S. O. R. 811. νυμφευθεῖσα δὲ παρ' ἀνδρὶ τῷδε *but wedded with this man (i.e. with me)* E. Med. 1337. ὅδε τοι πάρειμι *Here am I, Sir* Hdt. 1, 115.

## RELATIVE PRONOUNS

**483. Agreement.** — A relative pronoun agrees with its antecedent (§ 460) in gender and number, but its case depends on the construction of the clause in which it stands: as ἀνὴρ ὃς ἦλθεν *a man who came*, ἀνὴρ ὃν εἶδομεν *a man whom we saw*.

**484. Attraction.** — 1. A relative pronoun is often attracted (§ 316) into the case of its antecedent, especially from the accusative into the genitive or dative: thus ἄξιοι τῆς ἐλευθερίᾳς ἧς κέκτησθε *worthy of the freedom which you possess* (ἧς, if not attracted, would be ἣν) Xn. A. 1, 7, 3. εἰ τῷ ἡγεμόνι πιστεύσομεν ᾧ ἂν Κῦρος διδῷ *if we intend to trust the guide that Cyrus gives* (ᾧ, if not attracted, would be ὃν) Xn. A. 1, 3, 16.

2. Much more rarely the antecedent is attracted into the case of the relative: as πάντων ὧν δέονται πεπραγότες *having accomplished everything that they need* (for πάντα ὧν) Xn. Hell. 1, 4, 2 (cf. in Latin *urbem quam statuo vestra est* Verg. Aen. 1, 573).

**485. "Incorporation."** — The antecedent is often made a part of the relative clause (usually only when the antecedent is indefinite). Both relative and antecedent then

stand in the same case: thus ἀδικεῖ Σωκράτης οὓς μὲν ἡ πόλις νομίζει θεοὺς οὐ νομίζων *Socrates commits an offense in not believing in the gods which (or what gods) the State believes in* Xn. *Mem.* 1, 1, 1. εἰς δὲ ἣν ἀφίκοντο κώμην μεγάλην ἣν *the village at which they arrived was large (i.e. ἡ κώμη εἰς ἣν)* Xn. *A.* 4, 4, 2. εἰ δέ τινα ὁρῶν . . . κατασκευάζοντα ἧς ἄρχοι χώρᾱς *if he saw any one improving the country he governed (i.e. τὴν χώρᾱν ἧς, § 484, 2)* Xn. *A.* 1, 9, 19. τούτους καὶ ἄρχοντας ἐποίησεν ἧς κατεστρέφετο χώρᾱς *these he made rulers of the territory he subdued (i.e. τῆς χώρᾱς ἣν, § 484, 1)* Xn. *A.* 1, 9, 14. ἐπορεύετο σὺν ᾗ εἶχε δυνάμει *he proceeded with what force he had (i.e. σὺν τῇ δυνάμει ἣν, § 484, 1)* Xn. *Hell.* 4, 1, 23.

Observe that attraction into the genitive or into the dative (§ 484) usually takes place if either antecedent or relative would stand in one of those cases. Cf. in English “he gave *to what persons* he could.”

NOTE 1. — Here belongs the phrase οὐδείς ὅστις οὐ (lit. *nobody who . . . not —*) *every one*, in which οὐδείς is regularly attracted to the case of the relative (οὐδενὸς ὅτου οὐ, οὐδενὶ ὅτω οὐ, etc.): thus κλαίων καὶ ἀγανακτῶν οὐδένα ὄντινα οὐ κατέκλασε *by his weeping and wailing he broke down the fortitude of everybody* Pl. *Phaed.* 117 d. So similarly θαυμαστός ὅσος lit. *wonderful how much*, θαυμαστοῦ ὅσου, etc. (adverbially θαυμαστῶς ὥς): as μετὰ ἰδρωτός θαυμαστοῦ ὅσου *with a wonderful amount of sweat (— θαυμαστόν ἐστι μεθ’ ὅσου)* Pl. *Rep.* 350 d. This attraction is sometimes (rarely) found with other adjectives.

NOTE 2. — A peculiar attraction and condensation commonly takes place with οἷος, ὅσος, ὅστισοῦν, and a few other relatives, by which both the relative and a following nominative are attracted to the case of the antecedent: thus χαριζόμενον οἷω σοι ἀνδρί *doing favor to a man like you* (the full form would be τοιούτῳ οἷος σὺ εἶ) Xn. *Mem.* 2, 9, 3. τὴν δὲ γυναῖκα εὔρον ὅσῃν τ’ ὄρεος κορυφὴν *and his wife they found as huge as a mountain peak* κ 113. Sometimes even with the article: τοῖς οἷοις ἡμῶν *to such as we are* Xn. *Hell.* 2, 3, 25. So often with superlatives (see § 428).

**486. Antecedent not Expressed.** — An antecedent denoting the general idea of persons or things is seldom expressed, since its gender, number, and case are usually made clear by the context: thus ἐγὼ δὲ . . . καὶ ὧν ἐγὼ κρατῶ μενούμεν *but I and those (nom. plur. masc.) whom I command will remain* Xn. Cy. 5, 1, 26. στυγῶν μὲν ἥ μ' ἔτικτεν *hating her (acc. sing. fem.) who bore me* E. Alc. 338. εἰδέναι τὴν δύναμιν ἐφ' οὗς ἂν ἴωσιν *to know the strength of those (gen. plur. masc.) against whom they are going* Xn. A. 5, 1, 8. δεῖταιί σου τήμερον τοῦτον ἐκπιεῖν σὺν οἷς μάλιστα φιλεῖς *he desires you to drink this up to-day in company with those (dat. plur. masc.) whom you most love* (§ 484, 1) Xn. A. 1, 9, 25. So with relative adverbs: ἄξω ὑμᾶς ἔνθα τὸ πρᾶγμα ἐγένετο *I will conduct you to the place where the affair occurred* Xn. Cy. 5, 4, 21. Cf. in English "he gave to *whom* he could."

NOTE. — Here belong the phrases ἔστιν ὅστις (or ὅς) . . . *there is some one who* (i.e. *somebody*), εἰσὶν οἳ . . . *there are those who* (i.e. *some*), but in other cases in the plural regularly ἔστιν ὧν, ἔστιν οἷς, ἔστιν οὓς: thus ἔστι δ' ὅστις κατελήφθη *and one man was taken off his guard* Xn. A. 1, 8, 20. εἰσὶ δὲ οἳ λέγουσι *and some (lit. there are those who) say* Hdt. 3, 45. πλὴν Ἰώνων καὶ Ἀχαιῶν καὶ ἔστιν ὧν ἄλλων ἐθνῶν *except the Ionians and Achaeans and some other nations* Th. 3, 92. Rarely ἦν (ἦσαν) is found: ἦν δὲ τούτων τῶν σταθμῶν οὗς πάνυ μακροὺς ἤλανεν *some of these days' marches he made very long* Xn. A. 1, 5, 7. So also with relative adverbs: ἔστιν οὗ (or ὅπου) . . . (lit. *there is where*) *somewhere*, ἔστιν ὅπως (lit. *there is how*) *somewhat*, ἔστιν ὅτε (lit. *there is when*) *sometimes*, etc.

**487. Relative not Repeated.** — In a compound (§ 312) relative sentence the relative (pronoun or adverb) is seldom repeated (cf. § 312, 1) with the succeeding verbs: thus Ἀριαῖος δέ, ὃν ἡμεῖς ἠθέλομεν βασιλεῖα καθιστάναι, καὶ ἐδώκαμεν καὶ ἐλάβομεν πιστά *but Ariæus, whom we wished to make king and to whom we gave and from whom we*

received pledges Xn. A. 3, 2, 5. εἶπεν ὅτι οὐδὲν αὐτῷ μέλοι . . . ἐπειδὴ πολλοὺς μὲν Ἀθηναίων εἶδείη τοὺς τὰ ὅμοια πράττοντας αὐτῷ, δοκοῦντα δὲ Λυσάνδρῳ καὶ Λακεδαιμονίοις λέγει *he said that he didn't care . . . since he knew of many Athenians who were acting in concert with him and since what he proposed was agreeable to Lysander and the Spartans* Lys. 12, 74.

NOTE. — **Preposition not Repeated.** — A preposition belonging with both antecedent and following relative is seldom repeated with the relative.

**488. Use of Relatives.** — The indefinite relatives (ὅστις ὁπόσος, ὅποῖος, etc.) are regularly used when the antecedent is indefinite, but the simple relatives (ὅς, ὅσος, etc.) not infrequently refer to an indefinite antecedent: as ἃ μὴ οἶδα οὐδὲ οἶμαι εἰδέναι *what(ever) I don't know I don't even think that I know* Pl. Ap. 21 d.

NOTE. — **Relatives in Exclamations.** — Relatives (οἷος, ὅσος, ὥς) are sometimes used in exclamations: as ὦ πάππῃ, ὅσα πράγματα ἔχεις *how much trouble you have, grandpa!* (lit. so much trouble as you have! cf. § 485) Xn. (Cy. 1, 3, 4. ὥς καλὸς μοι ὁ πάππος *how handsome grandpa is!* Xn. Cy. 1, 3, 2.

## INTERROGATIVE PRONOUNS

**489. Agreement.** — The interrogative pronouns are used both substantively and adjectively (see § 462): as τίς *who?* τίς ἀνὴρ *what man?*

**490. Use.** — The interrogatives (pronouns and adverbs, § 151) are used both in direct and in indirect questions, but in indirect questions the indefinite relatives (§§ 150–151) are commonly preferred: as βουλευέσθαι ὃ τι χρὴ ποιεῖν *to consider what must be done* Xn. A. 1, 3, 11.

## INDEFINITE PRONOUNS

**491.** The indefinite pronoun *τις*, *τὶ*, is used both substantively and adjectively (see § 462) as *ἦλθέ τις* *somebody came*, *ἀνὴρ τις ἦλθε* *some man came*. (Observe that it does not stand at the beginning of a sentence.)

NOTE 1. — The indefinite *τις* is often best rendered by ‘*a, an*’: as *ἕτερός τις δυνάστης* *another nobleman*; sometimes it can be rendered by ‘*a sort of*’ or ‘*something like*’: as *ἡ γραφὴ . . . τοιᾶδε τις ἦν* *the indictment was something like this* Xn. Mem. 1, 1, 1. *τριάκοντά τινες* *somewhere about thirty*. So *τὶ* with adverbs: *σχεδόν τι* *pretty nearly*.

NOTE 2. — Sometimes *τις* meaning *anybody* implies *everybody*; as *εὖ μὲν τις δόρυ θηξάσθω* *let every one sharpen well his spear* B 382; but usually this meaning is expressed by *πᾶς τις* or *ἕκαστός τις*.

THE ADJECTIVE PRONOUNS *ἄλλος* AND *ἕτερος*

**492.** *ἄλλος* *other* (of several), and *ἕτερος* *other* (of two), are sometimes loosely used, one of them being employed when we might properly expect the other.

IDIOMATIC USES OF *ἄλλος* AND *ἕτερος*

NOTE 1. — By a peculiar idiom in Greek *ἄλλος* *other, rest*, often precedes that with which it is contrasted: as *τά τε ἄλλα ἐτίμησε καὶ μυρίους ἔδωκε δαρεικούς* *he gave me ten thousand darics and honored me in other ways* Xn. A. 1, 3, 3.

NOTE 2. — Not infrequently *ἄλλος* or *ἕτερος* expresses merely a contrast without being strictly logical, and so can be best rendered by *besides*: as *οὐ γὰρ ἦν χόρτος οὐδὲ ἄλλο οὐδὲν δένδρον* *for there was no grass, and not even a tree besides* (lit. *no grass or other tree*) Xn. A. 1, 5, 5.

NOTE 3. — *ἄλλος . . . ἄλλος* (also *ἕτερος . . . ἕτερος* means *one . . . another* (but this is usually expressed by *ὁ μὲν . . . ὁ δέ*, § 443, 1). In saying *one . . . one . . . , another . . . another . . .*, the second half of the expression, being but a repetition of the first half, is left unsaid, and *ἄλλος* with itself in a different case (or an adverb from its stem) is sufficient (cf. Latin *alius . . . aliud*): thus *ἄλλος ἄλλα λέγει* *one says one thing, another (says) another* Xn. A. 2, 1, 15.



## SYNTAX OF THE VERB

**493. Transitive and Intransitive Verbs.** — A transitive verb can take an object in the accusative case (§ 329): an intransitive verb cannot. Thus, *γράφω* (*ἐπιστολήν*) *I write (a letter)* is transitive; *καθεύδω* *I sleep* is intransitive.

1. In Greek many transitive verbs are used *absolutely* as intransitive: thus *λείπω* *leave*, also *fail*; *ἐλαύνω* *drive*, also *march*; *ἔχω* *hold*, also *hold one's self, be*.

NOTE. — In many of these verbs an object is easily supplied: thus *ἐλαύνω* (*ἵππον*) *drive (a horse)*, *τελευτῶ* (*τὸν βίον*) *finish (one's life)*, i.e. *die*; but this is not the case with all.

2. Some intransitive verbs when compounded with a preposition become transitive (see § 345 and cf. § 324, 2): thus *βαίνω* *go* (intransitive); but *δια-βαίνω* *cross* (transitive), *παπα-βαίνω* *transgress* (transitive).

**494. Transitive and Intransitive Tenses** — In a few verbs which have at the same time (§ 162, 1) both the first and the second aorist (active and middle), or the first and the second perfect, the first tenses are transitive, and the second intransitive (cf. § 207, note 3). The most important of these are the following (the others are given in the list of verbs, § 729): —

1. PRESENT	1ST AORIST	2d AORIST
<i>βαίνω</i> <i>go</i>	<i>ἔβησα</i> <i>caused to go</i>	<i>ἔβην</i> <i>went</i>
<i>δύω</i> <i>enter</i>	<i>ἔδῦσα</i> <i>caused to enter</i>	<i>ἔδυν</i> <i>entered</i>
<i>ἵστημι</i> <i>cause to stand</i>	<i>ἔστησα</i> <i>caused to stand,</i> <i>erected</i>	<i>ἔστην</i> <i>stood</i>
<i>σβέννυμι</i> <i>put out, ex-</i> <i>tinguish</i>	<i>ἔσβεσα</i> <i>put out</i>	<i>ἔσβην</i> <i>went out</i>
<i>φύω</i> <i>produce</i>	<i>ἔφῦσα</i> <i>produced</i>	<i>ἔφυν</i> <i>grew</i>

NOTE. — The future active follows the first aorist in being transitive (cf. § 212): as *βήσω* *shall cause to go*, *φύσω* *shall produce*.



2. PRESENT

ὀλλῦμι *destroy*  
 πείθω *persuade*

1ST PERFECT

ὀλώλεκα *have destroyed*  
 πέπεικα *have persuaded*

2D PERFECT

ὄλωλα *am ruined*  
 πέποιθα *trust*

3. On the same principle, in some transitive verbs the perfect (usually the second perfect) is intransitive; thus : —

PRESENT	2D PERFECT	PRESENT	1ST PERFECT
ἄγνῦμι <i>break</i>	ἔαγα <i>am broken</i>	ἵστημι <i>cause to stand</i>	ἕστηκα <i>stand</i>
πήγνῦμι <i>fix</i>	πέπηγα <i>am fixed</i>	φύω <i>produce</i>	πέφυκα <i>am by nature</i>
φαίνω <i>show</i>	πέφηνα <i>have appeared</i>		

AGREEMENT OF VERBS

495. A finite verb (§ 159) agrees with its subject in person and number ; thus (ἡμεῖς) ἦλθομεν *we came*, Κῦρος ἐξελαύνει *Cyrus marches*, δύο ἄνδρε τέθνατον *two men are dead* Xn. A. 4, 1, 19.

NOTE. — Plural for Singular. — In Greek, as in other languages, the first person plural (modestly) is sometimes used for the singular (sometimes called in English “the editorial we”) : as οὐ δικάίως, ἤν θάνω, θανούμεθα *unjustly shall I die if I am (lit. we are) put to death* E. Tro. 904.

496. Agreement with Two or More Subjects. — Two or more subjects taken together, of course, count as a plural (or dual) and so may take a plural (or dual) verb : thus ἀπολελοίπασιν ἡμᾶς Ξενίᾱς καὶ Πᾶσίῳ Xenias and Pasion have abandoned us Xn. A. 1, 4, 8. ἦχι ῥοᾶς Σιμόεις συμβάλλετον ἥδὲ Σκάμανδρος *where Simois and Scamander join their streams* E 774.

1. But with two or more subjects the verb often agrees only with the nearer or more important : thus βασιλεὺς καὶ οἱ σὺν αὐτῷ εἰσπίπτει εἰς τὸ στρατόπεδον *the king and his followers forced their way into the camp* Xn. A. 1, 10, 1.

**497. Subjects of Different Persons.** — When the subjects are of different persons the verb is of the first person if possible, otherwise of the second: i.e.

you and I (or we) he (or they) and I (or we) you and he (or they) and I (or we)	$\left. \vphantom{\begin{array}{l} \text{you and I (or we)} \\ \text{he (or they) and I (or we)} \\ \text{you and he (or they) and I} \\ \text{(or we)} \end{array}} \right\} = \text{we}$	$\left  \begin{array}{l} \text{you and he (or they) = you} \end{array} \right.$
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as, καὶ ἐγὼ, ἔφη, καὶ σὺ πολλὰ . . . εἵπομεν *Both you and I, said he, have said a good deal* Xn. *Hell.* 2, 3, 15.

#### PECULIARITIES IN AGREEMENT

**498. Neuter Plural Subject.** — A neuter plural subject regularly has a singular verb: thus τὸν δ' οὐποτε κύματα λείπει *this the waves never leave* B 396. καλὰ ἦν τὰ σφάγια *the sacrifices were favorable* Xn. *A.* 4, 3, 19.

NOTE. — A neuter plural subject denoting persons, or used distributively, may take a plural verb: thus τοσάδε μὲν μετὰ Ἀθηναίων ἔθνη ἐστράτευσον *so many nations were active on the Athenian side* Th. 7, 57; ἦσαν ταῦτα δύο τεῖχῃ *these were two walls* Xn. *A.* 1, 4, 4.

**499. Dual and Plural.** — A subject in the dual often takes a verb in the plural: less often a subject in the plural, suggesting a dual, takes a verb in the dual: thus τὼ δὲ τάχ' ἐγγύθεν ἦλθον *and soon the two came near* E 275. αἱ δέ οἱ ἵπποι ἀμφὶς ὁδοῦ δραμέτην *and his steeds ran apart along the way* Ψ 392.

NOTE. — Not infrequently dual and plural verbs are found in the same sentence: thus ἰκέσθην, τὸν δ' ἤυρον *they came, and found him* I 185.

**500. Collectives.** — Words like πᾶς *everybody*, πλῆθος *a multitude*, δῆμος *people*, στρατός *army*, etc. (collective nouns, § 321), when used to denote *persons* usually take a plural verb (cf. § 315): thus ὥς φάσαν ἡ πλῆθὺς *thus*

*spoke the multitude* B 278. ὁ ἄλλος στρατὸς ἀπέβαινον *the rest of the army began to disembark* Th. 4, 32.

**501. Agreement with Predicate Substantive.** — The verb sometimes agrees with the predicate substantive when the latter is more prominent than the subject (cf. § 316): thus ἅπαν δὲ τὸ μέσον τῶν τειχῶν ἦσαν στάδιοι τρεῖς *the entire distance between the walls was three stades* Xn. A. 1, 4, 4.

## VOICE

**502.** The Greek verb has three voices (§ 158): active, middle, and passive.

### THE ACTIVE VOICE

**503.** The active voice represents the subject as acting or being: thus λέγω *say*, πάσχω *experience*, εἶμι *go*, εἰμί *be*.

NOTE. — The context may sometimes show that the active voice means to *cause* a thing to be done (by others): as Ἀρταξέρξης συλλαμβάνει Κῦρον *Artaxerxes caused Cyrus to be arrested* Xn. A. 1, 1, 3. So often ἀποκτείνω *kill or cause to be put to death*, οἰκοδομῶ *build or cause to be built*, and many others.

### THE MIDDLE VOICE

**504.** The middle voice represents the subject as interested in the action of the verb. It has a variety of meanings which shade off into one another, and may indicate that the subject acts with or within his own means or powers, or for himself, or (less often) upon himself: thus

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**504 a.** In Homer (and sometimes in other poets) some verbs are used in the middle voice (implying an interest on the part of the subject) which in Attic are regularly used only in the active: thus ἀκούετο *he heard* (Attic ἤκουε), φάτο *he said* (Attic ἔφη), ἰδέσθαι *to see* (Attic ἰδεῖν).

λούομαι τοὺς πόδας *wash* (one's own) *feet*, παρέχομαι *furnish* (from one's own resources), λύομαί (τινα) *loose for* one's self, ransom (as ἦλθε λυσόμενος θύγατρα *he came to ransom his daughter* A 13), περιτίθεμαι *put on* (one's self), ἄγομαι γυναῖκα *marry* (i.e. *lead to one's own house*) *a wife*, περὶ πολλοῦ ποιοῦμαί τι *make anything of much importance* (in one's own eyes), λύομαι *loose one's self* (as πρῶτος ὑπ' ἀρνείου λυόμεν, ὑπέλῃσα δ' ἑταίρους *first I loosed myself from beneath the ram, and then I freed my companions* ι 463), τρέπομαι *turn one's self*, παύομαι *stop one's self*, cease, πείθομαι (lit. *persuade one's self*) *believe, obey*.

**505.** The middle voice often means to *get* a thing done either to one's self or to another person or thing (cf. § 503 note): thus διδάσκομαι *get taught*, διδάσκομαι τὸν υἱόν *get one's son taught*, ἀπογράφομαι τὰς ναῦς *have a list of the ships made*.

NOTE. — From this use of the middle it is but a slight step to the use of the middle as passive (§ 514).

**506. Active and Middle differently Translated.** — The active and the middle voices of the following verbs usually must be differently rendered in English (other similar verbs may be found, and they are to be explained in similar manner):

αἶρῶ *take*

ἀποδίδωμι *give back*

ἄπτω *fasten*

βουλεύω *take counsel*

γαμῶ *marry* (of the man)

γράφω *write or propose a law*

δανείζω *make a loan*

αἶρομαι *choose* (take for one's self)

ἀποδίδομαι *sell* (give for value received)

ἄπτομαι *touch*

βουλεύομαι *consider one's own plan*

γαμοῦμαι *marry* (of the woman)

γράφομαι *indict* (i.e. *have the suit entered in writing*)

δανείζομαι *borrow* (i.e. *have a loan made to one's self*)

δικάζω *judge*ἔχω *hold*θύω *sacrifice*μισθῶ *let*πολιτεύω *be a citizen*πρεσβεύω *be an ambassador*τίθῃμι νόμον *establish a law (for others to obey)*φυλάττω (w. acc.) *watch, guard*δικάζομαι *go to law*ἔχομαι (w. gen.) *hold to, and so be close to*θύομαι *sacrifice (for omens)*μισθοῦμαι *hire (i.e. have let to one's self)*πολιτεύομαι *perform one's duty as a citizen*πρεσβεύομαι *negotiate*τίθεμαι νόμον *enact a law (i.e. of the State, for itself)*φυλάττομαι (w. acc.) *be on guard against*

**507. Middle Form in Future only.** — On account of the greater natural interest in future events, many active verbs regularly use the middle voice in the future tense: thus ἀκούω *hear*, future ἀκούσομαι, aorist ἤκουσα, etc., ἀμαρτάνω *miss*, future ἀμαρτήσομαι, aorist ἤμαρτον, etc. (cf. § 504 a).

**508. Deponent Verbs.** — Deponent verbs (§ 158, 3) show the various uses of the middle voice, and differ from other verbs only in having no active forms: thus ὑπισχνόμαι (*hold one's self under*) *oblige one's self, promise*, δέχομαι *receive (for one's self)*, αἰσθάνομαι *perceive (with one's own senses)*, etc.

## THE PASSIVE VOICE

**509.** The passive voice represents the subject as acted upon: thus ἐλύθην *was loosed*, or *was ransomed*.

1. Observe that the passive voice is the passive of the middle as well as of the active, and the context must determine which voice it represents: thus the passive form ἐλύθην may need to be translated (§ 506) *was loosed* (λύω) or *was ransomed* (λύομαι), ἡρέθην *was taken* (αἶρω)

or *was chosen* (αἰροῦμαι), *ἐγράφην was written* (γράφω) or *was indicted* (γράφομαι), and so in other tenses (see § 510 note).

**510. Passive of Deponent Verbs.** — From the preceding section it follows that deponent verbs (§ 508) may have a passive: thus *τοιαῦτα αὐτοῖς . . . ἐῖργασται such things have been done by them* (ἐργάζομαι *do*) Lys. 12. 1. *ἐκ σοῦ βιάζονται τάδε this is done with violence by you* (βιάζομαι *act with violence*) S. Ant. 1073. *ἐωνήθη was bought* (ὠνούμαι *buy*) Xn. Mem. 2, 7, 12.

NOTE. — The passive meaning usually can be determined only by the context, since there can be no difference of form except in the aorist and future of middle deponents (§ 158, 3).

**511. Object of Active Becomes Subject of Passive.** — The object of the verb in the active (or middle) regularly becomes the subject when the verb is changed to the passive form (but see § 515, 3): thus *ἐτάχθησαν οἱ Ἕλληνες the Greeks were drawn up* (active ἔταξε τοὺς Ἕλληνας).

**512. Cognate Accusative Retained with Passive.** — A cognate accusative (§ 331) or an accusative of the part affected (§ 335) used with the active is regularly retained in the same case in the passive form; see § 340, 1 (cf. in Latin *rogatus est sententiam*): thus *γραφεῖς τὸν ἀγῶνα τοῦτον having been indicted in this suit* Dem. 18, 103 (cf. Μέλητος με ἐγράψατο τὴν γραφὴν ταύτην *Meletus brought this indictment against me* Pl. Ap. 19 a). *οἳ τε ὑπὸ τοῦ ψύχους τοὺς δακτύλους τῶν ποδῶν ἀποσεσηπότες and those who had their toes frozen off by the cold* Xn. A. 4, 5, 12.

NOTE. — Sometimes intransitive verbs (such as can take only a cognate accusative) are used in the passive; when so used the cognate accusative of the active becomes the subject of the passive: as *ὁ κίν-*

δύνος κινδυνεύεται *the risk is run*, τὰ χρήματα κινδυνεύεται *the money is risked* Dem. 34, 28. Often the passive participles of these verbs are found: as εἰς ἔλεγχον τῶν αὐτοῖς βεβιωμένων καταστήναι *to submit to an examination of their past lives* Lys. 16, 1.

**513. Active Forms with Passive Force.** — The passive of some verbs is supplied by the active voice of a different (intransitive) verb: thus:—

ἀποκτείνω <i>kill</i>	ἀποθνήσκω ( <i>die</i> ) <i>be killed</i>
εὖ ποιῶ <i>benefit</i>	εὖ πάσχω <i>be benefited</i>
εὖ (or κακῶς) λέγω <i>speak well</i> (or ill) <i>of</i>	εὖ (or κακῶς) ἀκούω ( <i>poetic κλύω</i> ) <i>be well (or ill) spoken of</i>
ἐκβάλλω <i>cast out</i>	ἐκπίπτω <i>be cast out or banished</i>
διώκω <i>pursue, prosecute</i>	φεύγω ( <i>lit. flee</i> ) <i>be prosecuted</i> (ἀπο- φεύγω <i>escape, be acquitted</i> )

1. So also intransitive second aorists (§ 494, 1) are often equivalent to the passive of the corresponding (transitive) first aorists; as ἀναστάντες ὑπὸ Θεσσαλῶν *having been forced to migrate by the Thessalians* Th. 1, 12.

**514. Origin of the Passive.** — Greek originally had no passive voice, and in most tenses the middle voice served also to express the passive meaning. In the aorist an originally intransitive form (cf. § 494, 1, and § 513, 1) of some verbs came to be felt as a passive, and by analogy other aorists passive were formed later. The future passive (with the middle endings) was formed from the aorist passive by adding the regular future suffix (-σῶ): thus φαίνω *show*, ἔφηνα *showed*, ἐφάνην *appeared*, i.e. *was shown*, future φανήσομαι *shall appear or be shown*.

**515.** The statement of § 514 will serve to explain the following facts:—

1. The future (rarely the aorist) middle is often used with a passive meaning: thus ἄξῃ *you shall be led* Aesch.



*Ag.* 1632, ἡ γῆ . . . εὖ φυλάσσεται *the land will be well guarded* *Xn. Oec.* 4, 9. See § 519, note 2.

2. Many (intransitive) verbs which are regularly followed by the genitive (§ 356) or the dative (§ 376) may be used in the passive voice. In such case the genitive or dative used with the active voice is represented by the nominative as subject in the corresponding passive construction: thus οὐκέτι ἀπειλοῦμαι ἀλλ' ἤδη ἀπειλῶ ἄλλοις *I am no longer threatened, but now I threaten others* (active ἀπειλῶ τινι) *Xn. Symp.* 4, 31. μαυθάνουσιν ἄρχευν τε καὶ ἄρχεσθαι *they learn to govern and to be governed* (active ἄρχω τινός).

NOTE. — A cognate accusative used with the active is retained in the passive construction (see § 512): thus πρὸς σοῦ τὰ δεινὰ ἐκεῖν' ἐπηπειλημένοι *threatened by you with those dreadful threats* (active ἐπειλῶ δεινά τινι) *S. Ant.* 408.

3. Finally, even an accusative of the direct object is sometimes retained in the same case in the passive construction, while a genitive or dative denoting a *person* becomes the subject of the passive verb: thus οἱ ἐπιτετραμμένοι τὴν φυλακὴν *those intrusted with the guard* (active ἐπιτρέπω τὴν φυλακὴν τινι) *Th.* 1, 126. ἀπετμήθησαν τὰς κεφαλὰς *they were beheaded* *Xn. Cy.* 8, 8, 3 (cf. τοῦ ἀδελφοῦ ἀπέτεμε τὴν κεφαλὴν *Xn. A.* 3, 1, 17).

NOTE. — But of course the accusative may become the subject (according to § 512), while the genitive or dative remains in the same case; as πάντων θάνατος κατεγινώσκετο *the sentence of death was passed on all* *Lys.* 13, 38. ἐμοί . . . σκῆπτρον καὶ δύναμις πᾶσα ἡ Πολυκράτεος ἐπιτέτραπται *to me Polycrates' scepter and power entire*

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515. 1 a. In Homer, the future middle is (almost) always used also as passive, and the aorist middle not infrequently has the passive meaning: as παρ' ἡμῶν φιλήσεται *with us you shall be welcomed* α 123. ἐβλήτο *was hit* *II* 753.

*has been intrusted* Hdt. 3, 142 (cf. in English "the duty was intrusted to him" and "he was intrusted with the duty").

**516. Agent.** — The Agent with passive verbs is regularly expressed by the genitive (§ 372) with *ὑπό* *under*, *by* (§ 417, 1), sometimes with *πρός* (§ 414, 1) or *παρά* (§ 411, 1) *at the hands of*, more rarely with *ἐκ* (§ 407) or *ἀπό* (§ 403) *from*. ✱

1. Often with the perfect or pluperfect passive, and regularly with the verbal in *-τέος* (§ 666), the agent is expressed by the dative (§ 380). With the verbal in *-τέος*, the accusative of agent is also sometimes found (see § 666, note). ✓

## USE OF THE TENSES

**517. Primary and Secondary Tenses.** — The Primary Tenses are the Present, the Perfect, the Future, and the Future Perfect.

The Secondary Tenses are the Imperfect, the Aorist, and the Pluperfect.

1. The Historical Present (§ 525) counts as a secondary tense, and the Gnomic Aorist (§ 530) as a primary tense. The imperfect indicative with *ἄν*, referring to present time (§ 565), counts as a primary tense.

2. The subjunctive, optative, and imperative *modes* (§§ 554; 557; 560) in their independent uses normally look toward the future and so have in all tenses the *value* of a primary tense.

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**516 a.** In Homer and sometimes in other poets (very rarely in prose with names of persons) the agent may be expressed by the dative with *ὑπό*: as Ἀχαιοὶ . . . ἐφόβηθεν ὑφ' Ἑκτορι *the Achaeans were put to flight by Hector* O 637.

**518. Special Meanings of Tenses from the Context.** — The context may sometimes add a special meaning to a tense. Thus, the present or imperfect may be used to describe an action merely attempted (§§ 523; 527), the present may be used in describing an action which is to be completed in the future (§ 524), and the aorist may sometimes express a general truth (Gnomic aorist, § 530).

1. *Imaginative Use of the Tenses.* — A tense may refer to a time other than that which it denotes, if the speaker's (or writer's) imagination carries him into that time; so the present tense may be used in describing events actually past (§ 525), and the aorist or the perfect may be used in describing events which have not yet taken place (§§ 531; 537).

## THE TENSES OF THE INDICATIVE

**519.** In independent clauses the tenses of the indicative express time absolutely; in dependent clauses they express time relatively to that of the verb on which they depend (cf. § 551, 1).

NOTE 1. — The Greeks, unlike the English and, more particularly, the Romans, were not careful to distinguish with exactness the temporal relations of subordinate clauses (as is done in Latin by the pluperfect and future perfect), but often employed the same or similar tenses in both subordinate and principal clauses, leaving the exact relation of time to be inferred from the context (cf. also § 676 a): as *σχεδὸν δ' ὅτε ταῦτα ἦν καὶ ἡλῖος ἐδύετο* about the time that this was going on the sun was setting (i.e. at the same time) Xn. A. 1, 10, 15. *ἡγείτο δ' αὐταῖς Ταμῶς . . . ἔχων ναῦς ἐτέρᾱς . . . αἷς ἐπολιόρκει Μιλήτον* Tamos conducted them, with other ships with which he had been besieging Miletus (i.e. at a prior time) Xn. A. 1, 4, 2.

This fact will help to explain the frequent use of the aorist where we might expect the pluperfect (§ 528, 1).

## SUMMARY

NOTE 2. — The tenses of the indicative from the point of view of time, and the manner of viewing the action, may be grouped as follows: —

	PRESENT	PAST	FUTURE
CONTINUED	Present	Imperfect	Future (active and middle)
COMPLETED AND LASTING	Perfect	Pluperfect	Future Perfect
SIMPLY BROUGHT TO PASS	—	Aorist	Future (passive)

Occasionally the future active shows a distinction between action ‘continued’ and action ‘brought to pass’: as *ἔξω* *shall hold* (cf. *ἔχω* *hold*), *σχήσω* *shall obtain* (cf. *ἔσχον* *obtained*, § 529).

## THE PRESENT TENSE

520. The present tense represents an action as going on at the present time: thus *γράφω* *I write* or *I am writing*.

1. So the present often expresses a customary action or a general truth: thus *νέᾱ γὰρ φροντὶς οὐκ ἀλγεῖν φιλεῖ* *the heart of youth is free from care* E. *Med.* 48.

521. **Present Denoting a Continued State.** — The present may denote a continued state as well as a single act. So the present of some verbs may admit two different English translations: thus *βασιλεύω* *rule* or *be ruler*, *νικῶ* *conquer* or *be victorious*, *φεύγω* *flee* or *be in exile*, *ἀδικῶ* *do wrong* or *be a wrong-doer*, *αἰσθάνομαι* *perceive* or *be cognizant of*.

NOTE. — So *ἔκω* *am come*, *arrive*, and *οἶχομαι* *am gone*, may regularly be translated as perfects.

522. **Present with Adverbs like πάλαι.** — When adverbs like *πάλαι* *long ago* are used with the present tense they

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519 a (note 2). Homer occasionally forms a future directly from a second aorist (reduplicated) stem to emphasize the action as merely ‘brought to pass’: thus *πεπιθήσω* *I will persuade* him (i.e. convince his mind once for all) X 223.

mean that the action is continued from the past into the present (cf. in Latin *iam dudum*): as *πάλαι σπεύδομεν* *we have long been eager* Xn. A. 4, 8, 14.

#### SPECIAL MEANINGS OF THE PRESENT FROM THE CONTEXT

**523. Attempted Action.** — The context (§ 518) may imply that the present denotes only an attempted action (cf. § 527). Thus, *δίδωμι* *give* may mean also *offer*, *πείθω* may mean *try to persuade*: as *σοὶ δ' Ἀγαμέμνων ἄξια δῶρα δίδωσι* *Agamemnon offers you worthy gifts* I 261, *ἐξελαύνετε ἡμᾶς ἐκ τῆσδε τῆς χώρᾱς* *you are trying to drive us out of this country* Xn. A. 7, 7, 7.

**524. Present with Future Meaning.** — It may be implied by the context (§ 518) that an action expressed by the present tense will be completed in the future: thus *εἰ αὕτη ἡ πόλις ληφθήσεται, ἔχεται καὶ ἡ πᾶσα Σικελία* *if this city shall be captured, all Sicily as well is (i.e. is going to be) in their power* Th. 6, 91: so *ἀπόλλυμαι* *I am going to be put to death* Lys. 12, 14.

NOTE. — The present indicative of *εἶμι* *am going* (and its compounds) regularly has a future meaning. This meaning extends to other modes when used to represent the indicative in indirect discourse, and sometimes also to the participle when used to express purpose (§ 653, 5).

**525. Historical Present.** — In vivid narration the speaker may for the moment feel that he is living the past over again, and so may use the present tense in describing events already past (§ 518, 1): thus *Θρασύβουλος . . . Φυλὴν χωρίου καταλαμβάνει ἰσχυρὸν . . . ἐπιγίγνεται τῆς νυκτὸς χιῶν παμπληθῆς* *Thrasybulus took (lit. takes)*

524 a. In Homer *εἶμι* has both the present and the future meaning.

525 a. In Epic poetry the historical present is never found.

possession of *Phyle*, a stronghold. *There came* (lit. *comes*) *on during the night a great snowstorm* Xn. *Hell.* 2, 4, 2-3. *Δαρείου καὶ Παρυσάτιδος γίγνονται παῖδες δύο of Darius and Parysatis were* (lit. *are*) *born two sons* Xn. *A.* 1, 1, 1.

NOTE. — The historical present is freely interchanged with the past tenses, and should be regularly translated by a past tense in English: as καὶ ὁ Λύκιος ἤλασέ τε καὶ ἰδὼν ἀπαγγέλλει and *Lycius rode (away), and, when he had seen, reported* Xn. *A.* 1, 10, 15.

## THE IMPERFECT

**526.** The Imperfect represents an action as *going on* in past time: thus ἔγραφον *I was writing*.

1. Hence the imperfect often expresses a customary past action: thus ἐπειδὴ δὲ ἀνοιχθείη, εἰσῆμεν *but when [the prison] was opened, we used to go in* Pl. *Phaed.* 59 d.

### SPECIAL MEANINGS OF THE IMPERFECT FROM THE CONTEXT

**527. Attempted Action.** — The context (§ 518) may imply that the imperfect denotes only an attempted action (cf. § 523) or what was likely to happen: thus Κλέαρχος τοὺς αὐτοῦ στρατιώτας ἐβιάζετο ἰέναι· οἱ δ' αὐτὸν ἔβαλλον *Clearchus tried to force his own soldiers to move; but they pelted him with stones* Xn. *A.* 1, 3, 1. ἐκαινόμην ζίφει· ἀλλ' ἐξέκλεψεν . . . Ἀρτεμις *I was like to be slain with the sword; but Artemis stole me thence* E. *I.T.* 27.

NOTE. — The Imperfect of a truth just realized, and the “**Philosophical Imperfect.**” — The imperfect in some expressions may be best rendered in English by the present: thus καὶ τοῦτ' ἄρ' ἦν ἀληθές, ἡσθόμην, φίλοι *this then is true, as I perceive, my friends* (lit. *was true, but all the time I did not realize it*) E. *I.T.* 351. διαφθεροῦμεν ἐκεῖνο . . . ὃ τῷ μὲν δικαίῳ βέλτιον ἐγίγνετο *we shall destroy that which (as we agreed) becomes better by justice* Pl. *Crit.* 47 d.

## THE AORIST

**528.** The aorist (ἀόριστος *undefined*) represents the action as one that simply *took place* in past time: thus ἔγραψα *I wrote*.

1. *Aorist instead of Perfect or Pluperfect.* — Since the perfect and pluperfect in Greek are used only when the result of the action is lasting (§ 534), the aorist is often used where English would employ the perfect or pluperfect (especially in relative and temporal clauses): thus τῶν οἰκετῶν οὐδένα κατέλιπεν, ἀλλ' ἅπαντα πέπρακεν *of his servants he (has) left not one, but has sold everything* Aeschin 1, 99. Κῦρον δὲ μεταπέμπεται ἀπὸ τῆς ἀρχῆς ἧς αὐτὸν σατράπην ἐποίησεν *he sent for Cyrus from the government of which he had made (lit. made) him satrap* Xn. A. 1, 1, 2. ἐπεὶ δὲ ἐτελεύτησε Δαρεῖος *but when Darius (had) died* Xn. A. 1, 1, 3.

**529. Inceptive Aorist.** — The aorist of verbs whose present can denote a continued state (§ 521) may express the entrance into that state: thus βασιλεύω *rule or be king*, ἐβασίλευσα *ruled or became king*; so ἔσχον *held or got possession of* (ἔχω *hold*) ἐδάκρυσα *wept or burst into tears* (δακρύω *weep, be in tears*).

NOTE. — **Aorist rendered by the Present.** — The Greeks sometimes used the aorist with an exactness which admits no English equivalent, and such examples must usually be rendered in English by the present tense: as οὐκ ἂν δυνάμην, τὸ δὲ πρόθυμον ἦνεσα *I could not do it, but I still approve your zeal* (lit. *approved* at the time you showed your zeal) E. I. T. 1023. So often ἡσθην *am pleased* (lit. *was pleased*, ἔγελασα *laugh(ed)*, ᾤμωξα *lament(ed)*, and similar words. So also sometimes in impatient questions: as τί οὖν . . . οὐ καὶ τὴν δύναμιν ἐλεξάς μοι *why don't you tell me* (lit. *why didn't you tell me*) *about their force?* Xn. Cy. 2, 1, 4.



## SPECIAL MEANINGS OF THE AORIST FROM THE CONTEXT

**530. Gnostic Aorist.** — From the context the aorist indicative may often be seen to express a general truth ("once true always true"): thus *παθὼν δέ τε νήπιος ἔγνω* *even a fool learns by experience* Hes. *O.D.* 218. *ἢν δέ τις τούτων τι παραβαίῃ ζημιάν αὐτοῖς ἐπέθεσαν* *but if anybody transgresses any one of these laws they impose a penalty upon such persons* Xn. *Cy.* 1, 2, 2.

**531. Aorist Imagined as Future.** — The time of the aorist is sometimes vividly imagined as future (§ 518): thus *ἀπώλόμην ἄρ' εἴ με δὴ λείψεις* *I perish if you leave me* E. *Alc.* 386.

## THE FUTURE

**532.** The future denotes that an action will take place at a future time: thus *γράψω* *I shall write* (or *shall be writing*).

NOTE. — For the second person of the future implying a permission or a mild command see § 583, note 1.

**533. Periphrastic Future.** — A periphrastic future (denoting a present intention) is formed by combining the various forms of *μέλλω* *be about to* with the present or future (rarely the aorist) infinitive (§ 549, 1): thus *ὕμᾱς μέλλω ἄγειν* *I am going to lead you* Xn. *A.* 5, 7, 5. *μέλλω γὰρ ὑμᾶς διδάξειν* *for I am going to inform you* Pl. *Ap.* 21 b.

1. So the past tenses of *μέλλω* are similarly used to express a past intention: as *πορεύεσθαι ἔμελλον* *they*

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**530 a.** Homer sometimes uses the (gnomic) aorist in similes: thus *ἤριπε δ' ὥς ὅτε τις δρυὺς ἤριπεν* *he fell as when an oak falls* (lit. *fell*).

*were intending to proceed* Xn. A. 3, 5, 17. ἔμελλε καταλύειν *he was about to halt* Xn. A. 1, 8, 1.

NOTE. — The simple future appears from the context sometimes to be used like the periphrastic future to express a present intention: as αἶρε πλῆκτρον, εἰ μάχῃ *raise your spur if you're going to fight* Ar. Av. 759. εἰ . . . πιστεύσομεν *if we are going to trust* Xn. A. 1, 3, 16.

## THE PERFECT AND THE PLUPERFECT

**534.** The perfect, in Greek, represents an action as *completed and lasting* at the present time; the pluperfect as *completed and lasting* at a past time: thus γέγραφα *I have written* (and the writing now stands), ἐγγράφη *I had written* (and the writing stood completed), ἐτύχανε γὰρ ἐφ' ἀμάξης πορευόμενος διότι ἐτέρωτο *for he happened to be traveling on a wagon because he had been* (and still was) *wounded* Xn. A. 2, 2, 14.

**535. Perfect with Present Meaning.** — In the perfect system of many verbs the duration of the result (§ 534) rather than the completion of the act is the more prominent, so that the perfect is best rendered in English by the present (and the pluperfect by the English imperfect): thus

βέβηκα (βαίνω) *be gone or stand (have stepped)*

δέδοικα (root δει-, δει-, δι-) *be afraid (have been frightened, cf. § 494, 3)*

κέκτημαι (κτῶμαι) *possess (have acquired)*

μémνημαι (μimνήσκω) *remember (have reminded myself)*

οἶδα (cf. εἶδον *saw*) *know (have seen or perceived)*

ἔστηκα (ἵστημι) *stand (have set myself, cf. § 494, 3)*

πέποιθα (πείθω) *trust (have persuaded myself, cf. § 494, 2)*

πέφῃκα (φύω) *am by nature (have been produced, cf. § 494, 3),*  
and many others.

**536. Periphrastic Perfect.** — 1. Other forms of the perfect, besides those already noted (§§ 226; 227; 221. 1),

are sometimes found expressed periphrastically: thus τὸ πρᾶγμ' εἰμὶ τοῦτο δεδρακώς *I am the one who has done this deed* Dem. 21, 104.

2. The aorist (rarely the perfect) participle with the present or imperfect of ἔχω *have* is sometimes used as the equivalent of the perfect or pluperfect: thus ὃς σφε νῦν ἀτιμάσας ἔχει *who has now dishonored her* E. Med. 33. πολλὰ χρήματα ἔχομεν ἀνηρπακότες *we have plundered much property* (lit. *have, having plundered*) Xn. A. 1, 3, 14.

#### SPECIAL MEANINGS OF THE PERFECT FROM THE CONTEXT

**537. Perfect Imagined as Future.** — The time of the perfect is sometimes vividly imagined as future (§ 518, 1): thus κἂν τοῦτ', ἔφη, νικῶμεν, πάνθ' ἡμῖν πεποιήται “*if we are victorious in this,*” *he said, “everything has been accomplished* (i.e. *will have been accomplished*) *by us*” Xn. A. 1, 8, 12.

#### THE FUTURE PERFECT

**538.** The future perfect denotes that an action will be completed (and lasting) at a future time: as γεγραφώς ἔσομαι *I shall have written*, γεγράψεται *it will have been written* (and will stand written).

For the periphrastic forms of the future perfect see § 230.

NOTE. — The future perfect (as well as the other portions of the perfect system) may emphasize the duration of the result of an action (§ 534); hence a good many verbs, because of their meaning, regularly employ the future perfect instead of the future (see § 729): as νομίζετε . . . ἐμὲ κατακεκόψεσθαι *you must believe that I shall be cut to pieces* Xn. A. 1, 5, 16. ὅταν δὴ μὴ σθένω, πεπαύσομαι *when I have not strength, then shall I stop* S. Ant. 91.

So also commonly with the verbs whose perfect has present meaning (§ 535) μεμνήσομαι *shall remember* (μémνημαι *remember*), ἐστήξω *shall stand* (ἑστηκα *stand*) etc.

## TENSES OF OTHER MODES THAN THE INDICATIVE

**539.** The tenses of the indicative mode only (and of other modes representing the indicative in indirect discourse, § 551) really *denote* time; in the other modes, the tenses (with the very limited exception of the future, see § 548) do not denote time, but only the manner of viewing the action, whether *continued* (present), or *completed* (perfect), or simply *brought to pass* (aorist).

Time may be *implied* either by the mode (see §§ 554: 557; 560) or by the context (see §§ 541–547, and cf. 519 note 1) but it is not denoted by the tense.

### THE PRESENT

**540.** The present tense in modes other than the indicative represents an action as *going on* (at any time); as *γράφειν* *to be writing*, *ἐὰν γράφω* *if I be engaged in writing*, *γράφε* *be writing* (in the future, § 560), *γράφων* *writing*.

#### TIME IMPLIED BY THE CONTEXT

**541.** Relation of time with the principal verb may be indicated by the context (§ 539): as *ὅποτε θύοι ἐκάλει* *whenever he was engaged in sacrifice he used* (i.e. at the same time) *to invite* his friends Xn. *Mem.* 2, 9, 4. *εἰ δὲ παρὰ ταῦτα ποιοῖεν, κολάζειν* *but if they act contrary to this, to punish them* (i.e. afterwards) Xn. *Cy.* 1, 6, 33.

**542. Present Participle.** — Especially with the present participle the context usually shows that its time is the same as that of the principal verb: as ἔχων ὀπλίτας ἀνέβη *he went up with* (lit. *having*) *hoplites* Xn. A. 1, 1, 2. παρὼν ἐτύγχανε *he happened to be present* Xn. A. 1, 1, 2.

1. But sometimes the context shows that the present participle refers to a time prior to that of the principal verb (the so-called “Participle of the Imperfect”): as οἱ Κύριοι πρόσθεν σὺν ἡμῖν ταττόμενοι νῦν ἀφεστήκασιν *the troops of Cyrus who were formerly marshaled with us have now deserted* Xn. A. 3, 2, 17. παρὼν ἐρῶ *since I was present, I will tell* S. Ant. 1192.

## THE AORIST

**543.** The aorist tense in modes other than the indicative represents the action simply as *brought to pass* (at any time): as γράψαι *to write*, εἰάν γράψω *if I write*, γράψον *write* (impv., § 560), γράψās *having written* (or *writing*): thus εἶπε δ' ἐπευξάμενος *he spoke in prayer* Z 475. οὗτος οὔτε τοὺς θεοὺς δείσας οὔτε Κύρον τεθνηκότα αἰδεσθεὶς . . . ἡμᾶς κακῶς ποιεῖν πειράται *this man, without any fear of the gods, or respect for Cyrus, who is now dead, is trying to injure us* Xn. A. 3, 2, 5. βουλοίμην δ' αὖν . . . λαθεῖν αὐτὸν ἀπελθών *I should like to get away without his knowledge* Xn. A. 1, 3, 17.

## TIME IMPLIED BY THE CONTEXT

**544.** Relation of time with the principal verb may be indicated by the context (§ 539): as τῷ ἀνδρὶ ὃν αὖν ἔλησθε πείσομαι *I shall obey the man whom you choose* (i.e. *shall have chosen*) Xn. A. 1, 3, 15. θαυμαστὸν

δὲ φαίνεται μοι καὶ τὸ πεισθῆναί τινας *it seems to me wonderful too that some people have been persuaded* (lit. *the being persuaded of some people*) Xn. *Mem.* 1, 2, 1.

**545. Aorist Participle.** — Especially with the aorist participle the context often shows that it refers to a time prior to that of the principal verb: as ταῦτα δὲ ποιήσας διέβαινε *when he had done this he proceeded to cross* Xn. *A.* 1, 4, 17. καταβὰς δὲ διὰ τούτου τοῦ πεδίου ἤλασε *when he had come down (from the mountains) he marched through this plain* Xn. *A.* 1, 2, 23 (but cf. § 543, last three examples).

## THE PERFECT

**546.** The perfect tense in modes other than the indicative represent an action as *completed* (at any time): as γεγραφέναι *to finish writing*, εἰὼν γεγράφω *if I shall finish writing*, γεγράφθω *let it stand written*, γεγραφώς *having written*, τὰ γεγραμμένα *the things written*, τῆς γὰρ ἐπιούσης νυκτὸς πάντα ταῦτα δεῖ πεπράχθαι *to-night all this must be completed* Pl. *Crit.* 46 a.

### TIME IMPLIED BY THE CONTEXT

**547.** It usually happens that an action described by the perfect as completed has taken place at a time preceding that of the principal verb (cf. § 539): thus οὐδὲ βουλευέσθαι ἔτι ὥρᾱ, ἀλλὰ βεβουλευῆσθαι *it is time no longer to deliberate, but to decide* Pl. *Crit.* 46 a. ἔλεγον πάντα τὰ γεγενημένα *they told all that had happened* (i.e. previously) Xn. *A.* 6, 3, 11 (cf. § 546, last example).

## THE FUTURE (AND FUTURE PERFECT)

**548.** The modes of the future (and future perfect) other than the indicative are devoted almost wholly to representing the future indicative in indirect discourse (§ 551); this is the only use of the future optative (which is a comparatively late development, see § 548 a); the future infinitive is almost always so used, and the future participle often. Yet a desire to emphasize the idea of futurity (or present intention) has led to the occasional use of the future infinitive as a substantive, and, more often, of the future participle as an ordinary adjective.

**549. Future Infinitive as a Substantive.** — The future infinitive (denoting future time relative to the principal verb) is sometimes used as a substantive when it is desired to emphasize the idea of futurity; as πολλοῦ δέω ἐμαυτὸν γε ἀδικήσκειν *I am certainly far from intending to wrong myself* Pl. *Ap.* 37 b.

1. *With μέλλω.* — So often the future infinitive is used with μέλλω *am about to* to emphasize the future idea (as in English many people say incorrectly “I meant to have written” for “I meant to write” from a feeling that “meant” does not sufficiently express the past idea): thus μέλλω γὰρ ὑμᾶς διδάξκειν *for I am about to inform you* Pl. *Ap.* 21 b.

2. *With Verbs of Promising, etc.* — So with verbs (and verbal expressions) meaning to *hope, expect, promise, swear*, and the like, the idea of a future realization of the hope or promise often leads to the use of the future infinitive. Both the present and aorist, however, are also found with these verbs. The negative is regularly μή (§ 431, 1): thus

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**548 a.** In Epic poetry the future optative is never found.



ὑπισχνεῖται ἡμιόλιον πᾶσι δώσειν *he promised to give to all half as much again* Xn. A. 1, 3, 21. τὸν ἐκ ποίᾳ πόλεως στρατηγὸν προσδοκῶ ταῦτα πράξειν *from what city is the general to come whom I expect to do this?* Xn. A. 3, 1, 14. ἡγγυᾶτο μηδὲν αὐτοὺς κακὸν πεῖσεσθαι *he pledged himself that they should suffer no harm* Xn. A. 7, 4, 13. ἐλπίδας ἔχει καλῶς ἔσεσθαι *he has hopes that all will be well* Xn. A. 4, 3, 8. (Cf. μία [ἐλπίς] σωθῆναι *one hope of being saved* Xn. A. 2, 1, 19.)

NOTE. — The future infinitive with verbs of *promising*, etc. (§ 549, 2) is often explained as indirect discourse (§ 671), but the fact that it takes μή as its regular negative points to its use here as the ordinary object infinitive.

**550. Future Participle.** — The future participle is used only when it is desired to emphasize the idea of future time (or present intention, § 533, note) relatively to the principal verb: thus ἦλθε . . . λυσόμενός τε θυγάτρα *he came to ransom his daughter* (lit. *about to ransom*) A 13. ὁ ἡγησόμενος οὐδεὶς ἔσται *there will be nobody who will lead us* Xn. A. 2, 4, 5.

#### TENSES IN INDIRECT DISCOURSE

**551.** When the optative, infinitive, or participle stands in indirect discourse (§ 670 ff.), each tense represents the same tense of the direct discourse, except that the present infinitive or participle may stand for the imperfect indicative, and the perfect infinitive or participle for the pluperfect indicative, since those tenses have only the indicative mode; cf. also § 675, note: thus (PRESENT) ἔγνωσαν . . . ὅτι κενὸς ὁ φόβος εἶη *they learned that their fear was groundless* (i.e. ἐστί) Xn. A. 2, 2, 21. ἀπιέναι φησὶν *he says he is going away* (i.e. ἄπειμι) Xn. A. 2, 2, 1. ἰᾶσθαι αὐτὸς τὸ τραῦμά φησιν *he says that he himself treated*

*the wound* (i.e. ἰώμην, impf.) Xn. A. 1, 8, 26. ἤκουσε Κῦρον ἐν Κιλικίᾳ ὄντα *he heard that Cyrus was in Cilicia* (i.e. ἐστί) Xn. A. 1, 4, 5. οἶδα δὲ κάκεινῳ σωφρονοῦντε ἔστε Σωκράτει συνήστην *I know that even they two kept within bounds so long as they associated with Socrates* (i.e. ἐσωφρονεῖτην, impf.) Xn. Mem. 1, 2, 18.

(AORIST) Μένωνι δὲ καὶ δῶρα ἐλέγετο πέμψαι *he was said actually to have sent presents to Menon* (i.e. ἔπεμψεν) Xn. A. 1, 4, 17.

(PERFECT) Ὁμολογεῖς οὖν περὶ ἐμὲ ἄδικος γεγενῆσθαι *do you admit that you have been a wrong-doer against me?* (i.e. γεγένησαι) Xn. A. 1, 6, 8. καταλαμβάνουσι . . . τὰ πλείστα διηρπασμένα *they found that most things had been plundered* (i.e. διήρπασται) Xn. A. 1, 10, 18.

(FUTURE) ἔλεγεν ὅτι ἡ ὁδὸς ἔσοιτο πρὸς βασιλεῆν μέγαν *he said that the advance would be against the great king* (i.e. ἔσται) Xn. A. 1, 4, 11. ἡγείτο γὰρ ἅπαν ποιήσιν αὐτὸν εἴ τις ἀργύριον διδοίη *for he thought that [Theognis] would do anything, if anybody offered him money* (i.e. ποιήσει, εἰάν τις . . . διδῶ *he will do, if anybody offers* Lys. 12, 14.

1. When verbs stand in indirect discourse they denote the same time *relatively to the verb on which they depend* as was denoted by the tense (§ 539) of the direct discourse which they represent. See the preceding examples.

## USES OF THE FINITE MODES

**552.** In the following pages the various uses of the finite modes are described in detail, but, for the sake of completeness, a brief summary of the uses of each mode is here given.

Indic. - Simple statement of fact  
 Subj. - Looks to future  
 Opt. - Remote subjunctive

## THE INDICATIVE MODE

**553.** The indicative mode is used in statements of fact : thus βασιλεύω *I am king*, Δᾱρείος ἡσθένει *Darius was ill*.

1. A fact may be assumed for purposes of argument : thus καὶ δὴ τεθνᾶσι (suppose that) *they are dead* E. Med. 386. So regularly in conditions εἶπερ ἦν ἀνὴρ ἀγαθός ἴf (i.e. assuming that) *he was a good man*, etc. Lys. 12. 48.

For the semi-dependent indicative in object clauses and clauses of fearing see §§ 593 and 594. 1.

2. The past tenses of the indicative, probably from their use in conditions contrary to fact (§ 606) (although there was originally no such idea in the usage, cf. § 553, 1), have come to be used also to express hopeless wishes (§ 588) and unaccomplished purpose (§ 590, note 4).

3. Further, ἄν (or κε) may be added to the past tenses of the indicative to give them a potential meaning (§ 565).

## THE SUBJUNCTIVE MODE

**554.** The Subjunctive mode looks always toward the future (thus having the value of a primary tense, when it is used independently, § 517, 2).

**555.** The uses of the subjunctive may be grouped under two great divisions : the Volitive Subjunctive (which expresses an action as *willed*), and the Anticipatory Subjunctive (which anticipates an action as an immediate future possibility), a use in which the subjunctive is closely related to the future indicative (see § 562 a and compare §§ 563 a; 576 a; 594, 1 note).

No hard and fast line, however, can be drawn between these two uses of the subjunctive.

NOTE. — In the earlier language (i.e. in Homer) the anticipatory subjunctive (with or without  $\kappa\epsilon$  or  $\acute{\alpha}\nu$ ) was not infrequently used in independent clauses (§ 562 a), but in this use it was soon crowded out by the future indicative, and only a few relics of this use are to be found in Attic Greek, but in dependent clauses (e.g. conditions and relative clauses) it continued to be regularly used.

556. The uses of the subjunctive may be summarized as follows : —

#### INDEPENDENT

In exhortations (§ 585) and prohibitions (§ 584).

In deliberative questions (§ 577).

In cautious future assertions with  $\mu\acute{\eta}$  and  $\mu\eta\ \omicron\upsilon$  (§ 569, 1).

In strenuous future denials with  $\omicron\upsilon\ \mu\acute{\eta}$  (§ 569, 2).

#### DEPENDENT

In purpose clauses (§ 590).

After words of fearing (§ 592).

In the protasis of a future more vivid (§ 604) or a present general condition (§ 609).

In relative clauses of anticipation (future, §§ 623 ; 526–7) or of general possibility (present, § 625).

### THE OPTATIVE MODE

557. The optative mode may be briefly characterized as a more remote subjunctive. Hence, in its independent uses, and in most of its dependent uses, it commonly looks toward the future, but more remotely than the subjunctive, and often from the point of view of past time (cf. § 517, 2).

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556 a. For the independent use of the (anticipatory) subjunctive in Homer see § 562 a.

**558.** The uses of the optative may be grouped under three heads : (1) the Optative of Wish (corresponding to a remote volitive subjunctive, § 555) which expresses an action as *desired*, but not actually willed to happen ; (2) the Potential Optative (corresponding to a remote anticipatory subjunctive, § 555), which expresses what the speaker regards as a more or less remote possibility (see note 1) ; (3) the Optative in Indirect Discourse, which is a development peculiar to Greek.

NOTE 1.—In earlier Greek the simple optative could be used potentially, but very soon the adverb *ἄν* (epic *κε*) came to be regularly used with it, and the use of the potential optative was extended far beyond its original bounds (cf. § 563 and the examples).

NOTE 2.—The name *optative* comes from the use of the mood in wishes (Latin *opto* wish).

**559.** The following are the various uses of the optative in Attic Greek : —

#### INDEPENDENT

✓ In wishes (§ 587).

✓ Potential optative with *ἄν* (or *κε*) (§ 563).

#### DEPENDENT

In future less vivid conditions (§ 605).

In past general conditions (§ 610).

In relative clauses of remote possibility (future, §§ 624 ; 626–7), or of general possibility (past, § 625).

In indirect discourse (including indirect questions) after a secondary tense (§ 673).

In purpose clauses after a secondary tense (§ 590).

In clauses of fearing after a secondary tense (§ 592).

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**559 a.** For the potential optative without *κε* or *ἄν* in Homer, see 563 a.

## THE IMPERATIVE MODE

**560.** The imperative mode (in all tenses) refers always to the future. It is used in commands (§ 583) and prohibitions (§ 584).

## STATEMENTS

**561.** 1. Statements of *fact* (what *is*, *was*, or *will be*) stand in the indicative mode.

2. Statements of *opinion* (what *may be*, *can be*, *might be*, *could have been*, and the like) stand in the optative mode with *ἄν*, or in a past tense of the indicative with *ἄν*.

The details of usage are given in the following sections (§§ 562–568).

NOTE. — Two special forms of statement are described in § 569.

**562. Statements of Fact.** — A statement of fact is in the indicative mode; the negative is *οὐ*: thus *ἀναβαίνει ὁ Κῦρος* *Cyrus goes up*, *ἡσθένει Δαρείος* *Darius was ill*, *ἔσται ἐπὶ τῷ ἀδελφῷ* *he will be in the power of his brother*, *οὐκ ἡσθάνετο* *he did not perceive*.

**563. Potential Optative.** — A statement of a future possibility, propriety, or likelihood, as an opinion of the

**562 a.** In Homer the subjunctive is sometimes used like the future indicative (cf. § 555) in (anticipatory) statements of fact (negative *οὐ*): thus *οὐ γάρ πω τοιοῦς ἶδον ἄνδρας οὐδὲ ἴδωμαι* *for never yet did I see such men, nor shall I ever-see them* A 262.

**563 a.** The epic language is very rich in forms of future statement, for besides the future indicative and the optative with *ἄν* (or *κε*) we have also the subjunctive alone, the optative alone, the subjunctive with *κε* (or *ἄν*), and even sometimes the future indicative with *κε* (or *ἄν*). By this variety many shades of meaning are expressed which have no equivalent in English. The subjunctive in this use comes very close to the future indicative (§ 562 a), but seems rather to anticipate the future possibility



speaker, stands in the optative mode with ἄν (Potential Optative); the negative is οὐ: thus πολλὰς ἂν εὗροις μηχανάς *many devices you could find* E. *And.* 85. ἴσως ἂν οὖν δόξειεν ἄτοπον εἶναι *now perhaps it may seem strange* Pl. *Ap.* 31 c. οὐκ ἂν οὖν θαυμάζοιμι *now I shouldn't wonder* Xn. *A.* 3, 2, 35. οὐκ ἂν μεθείμην τοῦ θρόνου *I couldn't (i.e. won't) give up the throne* Ar. *Ran.* 830.

The apodosis of a future less vivid condition (§ 605) is regularly expressed by the potential optative.

NOTE.—Observe that the potential optative may express all shades of opinion, from mere suggestion of possibility to ideal certainty, and the English rendering should be made to suit the context.

**564.** But a statement of a future (or present) possibility, necessity, or likelihood, can be expressed more exactly as a fact (§ 562) by a present or future tense of the indicative of a verb meaning *be possible* or *necessary*, and a dependent infinitive denoting what is possible or necessary to be or to be done: thus δύναμαι συνεῖναι τοῖς πλουσιωτάτοις *I can associate with the very richest* (but as an opinion συνεῖν ἄν) Lys. 24, 9. ἔξεστιν ὑμῖν πιστὰ λαβεῖν παρ' ἡμῶν *it is possible for you to receive pledges from us* (λάβετε ἄν) Xn. *A.* 2, 3, 26. ὑμᾶς δ' αὖ ἡμῖν δεήσει ὁμόσαι *it will be necessary for you to swear to us* (ὁμόσατε ἄν) Xn. *A.* 2, 3, 27.

than to state the future fact. Examples are: (Fut. indic.) ὥς ποτέ τις ἐρέει *thus some one shall say* Z 462. (Fut. indic. with κε) καὶ κέ τις ᾧδ' ἐρέει *and thus some one may say* Δ 176. (Subjunctive) καὶ ποτέ τις εἴπῃσιν *and some day some one may say* Z 459. (Subjunctive with κε or ἄν) καὶ δέ κέ τοι εἴπῃσι *and he will tell to you* δ 391. (Optative) οὐ μὲν γάρ τι κακώτερον ἄλλο πάθοιμι *for nothing else more sad could I endure* T 321. (Optative with κε or ἄν) ἐμοὶ δὲ τότ' ἂν πολὺ κέρδιον εἴη *but for me then 'twould be better far* X 108.

**563 b.** The optative without ἄν in a potential use is rarely found in other poets besides Homer: see S. *Ant.* 605.



NOTE 1. — Observe that the difference between *ἔξιστί σοι ἰδεῖν* and *ἴδοις ἂν* *you can see* is that the former states the possibility as a *fact*, the latter states what the speaker *thinks* is a possibility.

NOTE 2. — Observe that if *ἂν* is used with the optative of a verb denoting possibility, propriety, or the like, it shows that the possibility or propriety is stated as something which, in the opinion of the speaker, might or could exist (cf. § 567 note): as *οὐκ ἂν δυναίμεθα ἄνευ πλοίων διαβῆναι* *we could not have the power to cross* (i.e. *could not possibly cross*) *without boats* Xn. A. 2, 2, 3.

**565. Potential Indicative.** — A statement of a past or present possibility or necessity, as an opinion of the speaker, stands in a past tense of the indicative with *ἂν* (Potential Indicative); the negative is *οὐ*: thus *θᾶπτον ἢ ὥς τις ἂν ᾔετο* *quicker than anybody would have thought* Xn. A. 1, 5, 8. *ὑπό κεν ταλασίφρονά περ δέος εἶλεν* *fear might have seized even a stout-hearted man* Δ 421. *ἐβουλόμην ἂν* *I could wish*.

The apodosis of a condition contrary to fact (§ 606) is regularly expressed by the potential indicative or an equivalent statement (§ 567).

**566.** But a statement of a past possibility, necessity, or likelihood, can be expressed more exactly as a fact (§ 562) by a past tense of the indicative of a verb meaning *be possible* or *necessary* and a dependent infinitive denoting what was possible or necessary to be or to be done: thus *ἔδει ῥοφούντα πίνειν ὥσπερ βοῦν* *it was necessary to drink in gulps like an ox* Xn. A. 4, 5, 32. *χρῆν γὰρ Κανδαύλη γενέσθαι κακῶς* *for Candaules was bound to get into trouble*

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**565 a.** In Homer the context sometimes shows that the potential optative, usually with the help of an adverb, may be used in stating a past possibility (which in Attic would be expressed by the potential indicative, § 565): as *ἔνθ' οὐκ ἂν βρίζοντα ἴδοις Ἀγαμέμνονα δίων* *then you could not see* (i.e. *would not have seen*) *god-like Agamemnon slumbering* Δ 223. (Cf. § 606 b.)

Hdt. 1, 8. διαφυγεῖν οὐκ ἐδύνατο *he could not escape*  
 Lys. 1, 27.

567. But nine times out of ten the existence of a past possibility or necessity is stated only to show that what "might have been" or "ought to have been done" did not actually take place; hence such statements usually imply a "contrary to fact" idea (as, "he might have gone," but the fact is he did not go). (Such a statement is often used as the apodosis of a condition contrary to fact, § 606): thus τῷ δὲ Ἐρατοσθένει ἐξῆν εἰπεῖν ὅτι οὐκ ἀπήντησεν *it was possible for Eratosthenes to say* (i.e. "Eratosthenes might have said") *that he had not met him* Lys. 12, 31. ἐχρῆν τὸν Σωκράτην μὴ πρότερον τὰ πολιτικὰ διδάσκειν τοὺς συνόντας ἢ σωφρονεῖν *Socrates ought not to have taught his associates politics in preference to self-control* Xn. Mem. 1, 2, 17. χρῆν γὰρ ἄλλοθεν ποθεν βροτοὺς παῖδας τεκνοῦσθαι *mortals ought to beget children from some other source* (but they do not) E. Med. 573.

Observe that in such expressions the aorist infinitive refers always to a single act (usually in past time), while the present infinitive refers to continued or repeated action either present or past (cf. § 539).

NOTE. — Observe that the mere statement of a past possibility or necessity may always suffice to imply that the possible or necessary event did not occur: as εἶδες ἄν *you might have seen* (if you had been present), or ἐξῆν ἰδεῖν *it was possible to see* (if you had been present). If ἄν is used with a past tense of the indicative of a verb denoting possibility, propriety, or the like, it shows that the possibility or propriety is stated not as a fact, but as something which might or could have existed (cf. § 564 note 2): as ἐξῆν ἄν ἰδεῖν *it would (or might) have been possible to see*. Compare οὐκ ἄν ἐτέρων ἔδει σοι μαρτύρων *you would not have any need of other witnesses* (but as it is, you do need them) Lys. 7, 22, and εἶπερ ἦν ἀνὴρ ἀγαθός. ἐχρην ἄν . . . μὴ παρ-νόμως ἄρχειν *if he had been a good man, he would have had to rule with-*

out transgressing the laws (but a bad man is under no such obligation) Lys. 12, 48, with  $\chi\rho\eta\nu\ \delta'\ \alpha\upsilon\tau\acute{o}\nu$  . . .  $\pi\rho\omicron\theta\upsilon\mu\acute{\iota}\alpha\nu\ \epsilon\chi\epsilon\iota\nu$  he ought to have had zeal (but did not have) Lys. 12, 50.

1. The expressions which may be used to denote a past possibility or necessity (without  $\acute{\alpha}\nu$ ) are very numerous; some of the most common of them are the following:  $\epsilon\delta\epsilon\iota$ ,  $\chi\rho\eta\nu$  or  $\epsilon\chi\rho\eta\nu$  it was necessary,  $\epsilon\acute{\iota}\kappa\omicron\varsigma\ \eta\nu$  it was likely,  $\pi\rho\omicron\sigma\eta\kappa\epsilon$ ,  $\epsilon\pi\rho\epsilon\pi\epsilon$  it was fitting,  $\epsilon\acute{\xi}\eta\nu$  it was possible,  $\epsilon\mu\epsilon\lambda\lambda\omicron\nu$  was likely to, and many adjectives with  $\eta\nu$ , such as  $\delta\acute{\iota}\kappa\alpha\iota\omicron\nu\ \eta\nu$  it was just,  $\acute{\alpha}\xi\iota\omicron\nu\ \eta\nu$  it was proper,  $\alpha\acute{\iota}\sigma\chi\rho\omicron\nu\ \eta\nu$  it was shameful,  $\omicron\acute{\iota}\omicron\varsigma\ \tau'\ \eta\nu$  was possible, and many others (cf. *oportebat*, *decebat*, and the like, in Latin).

**568. Statements of Past Recurrent Action.**—A statement of an indefinitely recurrent past action, which would take place only under certain circumstances, stands in a past tense of the indicative with  $\acute{\alpha}\nu$ : thus  $\acute{\alpha}\nu\alpha\lambda\alpha\mu\beta\acute{\alpha}\nu\omicron\nu\ \omicron\upsilon\nu\ \alpha\upsilon\tau\acute{\omega}\nu\ \tau\acute{\alpha}\ \pi\omicron\iota\eta\mu\alpha\tau\alpha$  . . .  $\delta\iota\eta\rho\acute{\omega}\tau\omega\nu\ \acute{\alpha}\nu\ \alpha\upsilon\tau\omicron\upsilon\varsigma\ \tau\acute{\iota}\ \lambda\acute{\epsilon}\gamma\omicron\iota\epsilon\nu$  so, taking up their compositions, I would ask (if ever an opportunity occurred) them what they meant Pl. Ap. 22 b.  $\epsilon\acute{\iota}\ \tau\iota\varsigma\ \alpha\upsilon\tau\acute{\omega}\ \delta\omicron\kappa\omicron\iota\eta$  . . .  $\beta\lambda\acute{\alpha}\kappa\epsilon\upsilon\epsilon\iota\nu$ ,  $\epsilon\kappa\lambda\epsilon\gamma\acute{\omicron}\mu\epsilon\omicron\varsigma\ \tau\acute{\omicron}\nu\ \epsilon\pi\iota\tau\eta\delta\epsilon\iota\omicron\nu$   $\epsilon\pi\alpha\iota\sigma\epsilon\nu\ \acute{\alpha}\nu$  if any one seemed to him to be lazy, he would pick out the proper man, and strike him Xn. A. 2, 3, 11.

NOTE.—Observe that this form of statement does not necessarily express the occurrence as a fact, but only as what *could* or *would* take place (and undoubtedly did take place) if circumstances demanded. Hence it is easily explained as a special use of the potential (§ 565) indicative.

**569. 1. Subjunctive with  $\mu\eta$  and  $\mu\eta\ \omicron\upsilon$ .**—In Plato, and sometimes in other writers, a cautious suggestion is occasionally expressed by the subjunctive with  $\mu\eta$  (negatively  $\mu\eta\ \omicron\upsilon$ , § 432): thus  $\mu\eta\ \acute{\omega}\varsigma\ \acute{\alpha}\lambda\eta\theta\acute{\omega}\varsigma\ \tau\alpha\upsilon\tau\alpha\ \sigma\kappa\acute{\epsilon}\mu\mu\alpha\tau\alpha\ \eta\ \tau\acute{\omega}\nu\ \rho\acute{\alpha}\delta\acute{\iota}\omega\varsigma\ \acute{\alpha}\pi\omicron\kappa\omicron\tau\iota\nu\acute{\nu}\tau\omega\nu$  may not these really prove to be the considerations of those who thoughtlessly put men to death? Pl. Crit. 48 c.  $\acute{\alpha}\lambda\lambda\grave{\alpha}\ \mu\eta\ \omicron\upsilon\ \tau\omicron\upsilon\tau'\ \eta\ \chi\alpha\lambda\epsilon\pi\acute{\omicron}\nu$  but possibly this may not be so difficult Pl. Ap. 39 a.

In origin these expressions are doubtless questions (§ 576 a), but they are usually printed without the mark of interrogation.

2. **οὐ μή with the Subjunctive (or Future Indicative).** — An emphatic future denial (which sometimes borders on a prohibition, § 584) may be expressed by the subjunctive (or rarely the future indicative) with **οὐ μή**: thus **οὐκέτι μὴ δύνηται βασιλεὺς ἡμᾶς καταλαβεῖν** *the king will no longer be able to overtake us* Xn. .1. 2. 2. 12. **οὐ μὴ δυσμενὴς ἔσῃ φίλοις** *you shall not be hostile to your friends* E. Med. 1151. **οὐ γὰρ μὴ ἀπώσεται** *for she will not possibly reject it* Hdt. 1, 199.

## QUESTIONS

### DIRECT QUESTIONS

**570.** Direct Questions may be divided into two classes: (1) ‘Yes’ or ‘No’ Questions, in which the question is asked by the verb, and (2) Word Questions, in which the question is asked by some interrogative pronoun, adjective, or adverb. The latter class cannot be answered by ‘yes’ or ‘no.’

#### ‘YES’ OR ‘NO’ QUESTIONS

\* **571.** A ‘yes’ or ‘no’ question may sometimes have the same form as a statement, and the fact that it is a question is determined wholly by the context: thus **ἔστιν ὅ τι σε ἠδίκησα**; *is there any matter in which I have wronged you?* Xn. A. 1, 6, 7.

1. More often the interrogative meaning is made clearer by means of certain adverbs (**ἦ**, **ἄρα**): thus **ἦ καὶ περὶ ἵππους οὕτω σοι δοκεῖ ἔχειν**; *Do you really think this is the case also with horses?* Pl. Ap. 25 a. **ἄρ’ εἰσὶν; ἄρ’ οὐκ εἰσὶ;** *Are they (living)? Are they not?* E. I. T. 577.

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**571 a.** In Homer the regular interrogative word in ‘yes’ or ‘no’ questions is **ἦ**: thus **ἦ ἔτι καὶ χρῦσόν ἐπιδεύει;** *Do you yet lack for gold besides?* B 229.

Such questions merely ask for information and do not imply any previous assumption on the part of the speaker.

**572. Questions with οὐ and μή.** — The negative adverbs οὐ and μή (§ 431) either alone or combined with other interrogative adverbs are used also in questions.

1. A question introduced by οὐ (or by ἄρ' οὐ or οὐκοῦν) asks whether a fact is *not* so, and expects the answer 'yes': thus οὐχ οὕτως ἔχει; *Is it not so?* (i.e. "I think it is so; pray tell me if it is not so") Pl. *Ap.* 27 c. οὐκ ἐλάῃς; *Won't you move on?* (i.e. "I think you will") Ar. *Nub.* 1298.

2. A question introduced by μή, ἄρα μή, or μὼν (= μὴ οἶν), implies uncertainty (or even apprehension) on the part of the speaker: thus ἄρά γε μὴ ἐμοῦ προμηθεῖ; *Are you not perhaps concerned for me?* (i.e. "I don't think you ought to be, but I have a feeling that you possibly are") Pl. *Crit.* 44 e. μὼν προσῆκέ σοι; *Is it not perhaps possible that he was related to you?* E. *I.T.* 550.

NOTE.— When οὐ is used in a question introduced by μή it modifies some particular word (§ 431, 3): thus μὼν οὐ πέποιθας; *Is it possible that you don't believe me?* E. *Med.* 732.

**573. Rhetorical Questions.** — The context often shows that a question is asked merely for effect, with the knowledge that the answer must be 'no.' Such questions are often (but not always) introduced by μή: as μὴ αὐτὸν οἷη φροντίσαι θανάτου καὶ κινδύνου; *Think you that he considered death and danger?* ("Of course you do not") Pl. *Ap.* 28 d. ἄλλοι δὲ ἄρα αὐτὰς οἴσουσι ῥᾷδίως; *Will others then bear them easily?* ("Far from it!") Pl. *Ap.* 37 d.

NOTE.— The words ἄλλο τι ἢ (or sometimes only ἄλλο τι, the ἢ being omitted), meaning literally (*Is it*) *anything else than*, are not infrequently used to introduce a question which the speaker feels must be answered by 'Yes': thus ἄλλο τι ἢ οὐδὲν κωλύει παριέναι; *There's*

*nothing to stop our passing along, is there?* Xn. A. 4, 7, 5. ἄλλο τι φιλεῖται ὑπὸ τῶν θεῶν; *Isn't it loved by the gods?* Pl. Euthyphro 10 d.

### ALTERNATIVE QUESTIONS

**574.** Direct alternative questions are commonly introduced by πότερον (πότερα) . . . ἢ (Latin, *utrum* . . . *an*) *whether* . . . *or*, or separated by ἢ alone: thus πότερον ἐᾷς ἄρχειν ἢ ἄλλον καθίστης; *Do you let him rule or do you appoint another?* Xn. Cy. 3, 1, 12. φῆς ἢ οὔ; *Do you say yes or no?* Pl. Ap. 27 d.

NOTE. — The first part of a double question is sometimes omitted (cf. Latin *an* in questions): thus ἐπιστάμενος πάσαι ἀπεκρύπτου· ἢ ὀκνεῖς, ἔφη, ἄρξαι: “*You have been concealing your knowledge this long time. (Is there some hidden reason for this) or do you hesitate to begin?*” said he. Xn. Mem. 2, 3, 14.

### WORD QUESTIONS

**575.** A question may be expressed by any interrogative pronoun, adjective, or adverb: thus τίς ἀγορεύειν βούλεται; *who wishes to speak?* τί εἶπε; *what did he say?* τί νος ἔνεκα καλεῖ μέ τις; *what will anybody invite me for?* ποίᾳς συμμαχίᾳς δεόμεθα; *what kind of alliance do we want?* πότε ἦλθεν; *when did he come?*

NOTE 1. — In Greek, unlike English, the interrogative word is often connected with some subordinate word of the sentence instead of with the principal verb: thus τὸν ἐκ ποίᾳς πόλεως στρατηγὸν προσδοκῶ ταῦτα πράξειν; *From what sort of a city must the general be whom I expect to do this?* (lit. *the general from what sort of a city do I expect will do this?*) Xn. A. 3, 1, 14. For τί μαθῶν and τί παθῶν, see § 653, note 4.

**574 a.** Homer, in alternative questions (both direct and indirect) uses ἢ (ἡέ) . . . ἢ (ἦε) (never πότερον . . . ἢ); and ἢ (ἦε) may also be used alone: thus ἢ ῥά τι ἴδμεν ἐνὶ φρεσίν, ἦε καὶ οὐκί; *Do we know at all, or do we not?* δ 632. ψεύσομαι ἢ ἔτυμον ἐρέω; *shall I speak falsely or speak the truth?* K 534.



NOTE 2. — Greek sometimes condenses two interrogatives into one sentence: thus *τίς πόθεν εἰς ἀνδρῶν*; *Who are you, and from where among men do you come?* α 170. *πῶς ἐκ τίνος νεὼς . . . ἦκετε*; *In what way and from what ship have you come?* E. *Hel.* 1543.

## MODES IN DIRECT QUESTIONS

**576.** Questions are distinguished from statements usually by some interrogative word, but sometimes only by the context (§ 571); hence the modes used in statements are used also in questions: thus (INDICATIVE) *σοὶ δοκεῖ*; *Do you think so?* *τί σοι δοκεῖ*; *What do you think?* *οὐ σοι δοκεῖ*; *Don't you think so?* *μή σοι δοκεῖ*; *Is it not perhaps possible that you think so?* (POTENTIAL OPTATIVE) *τίς οὐκ ἂν ὁμολογήσειεν*; *Who would not admit?* Xn. *Mem.* 1, 1, 5. (POTENTIAL INDICATIVE) *πῶς ἂν πολλοὶ μὲν ἐπεθῶμουν τυραννεῖν*; *How could many wish to rule?* Xn. *Hier.* 1, 9. *πῶς ἂν . . . ἐγὼ τί σ' ἠδίκησα*; *How could I have done you any wrong?* Dem. 37, 57.

**577. Deliberative Questions.** — Questions expressing doubt or deliberation stand in the subjunctive mode (Deliberative Subjunctive). The negative is *μή*. Such questions are often made more explicit by the addition of *βούλη* or *βούλεσθε* *do you wish?* thus *ποῖ τράπωμαι*; *ποῖ πορευθῶ*; *whither shall I turn? whither go?* E. *Hec.* 1099. *εἴπω τι τῶν εἰωθότων, ὃ δέσποτα*; *Shall I make one of the stock jokes, Sir?* Ar. *Ran.* 1. *μηδ' εἴαν τι ὠνῶμαι . . . ἔρωμαι ὁπόσου πωλεῖ*; *And, if I am marketing, am I not to ask the price of anything?* Xn. *Mem.* 1, 2, 36. *βούλη*

**576 a.** In Homer the anticipatory subjunctive is also found in questions (cf. § 562 a): as *ὦ μοι ἐγὼ, τί πάθω*; *Alas! what will become of me?* ε 465 *μή τι χολωσάμενος ῥέξῃ κακὸν υἱας Ἀχαιῶν*; *may he not, perhaps, in anger, harm the sons of the Achæans?* B 195.



σκοπῶμεν; *Shall we consider, if you please?* Xn. *Mem.* 2, 1, 1.

## INDIRECT QUESTIONS

**578.** Indirect 'yes' or 'no' questions are introduced by εἰ *whether, if* (sometimes by ἄρα or μή): thus ἠρώτησεν εἰ ἤδη ἀποκεκριμένοι εἶεν *he asked if they had already given their answer* Xn. *A.* 2, 1, 15.

**579.** Alternative indirect 'yes' or 'no' questions are introduced by πότερον (πότερα) . . . ἢ or by εἰ . . . ἢ or by εἴτε . . . εἴτε; as διηρώτᾳ τὸν Κῦρον πότερον βούλοιο μένειν ἢ ἀπιέναι *she asked Cyrus whether he wanted to stay or to go back* Xn. *Cy.* 1, 3, 15. ἐβουλεύετο . . . εἰ πέμποιέν τινας ἢ πάντες ἴοιεν *he considered whether they should send some, or all should go* Xn. *A.* 1, 10, 5.

**580.** In indirect word-questions (§ 575) the interrogative of the direct form may be retained (τίς, ποῦ, etc.), or it may be represented by the corresponding indefinite relative (ὅστις, ὅπου, etc., § 490): as βουλεύεσθαι ὃ τι χρῆ ποιεῖν *to consider what must be done* (direct τί χρῆ ποιεῖν;) Xn. *A.* 1, 3, 11.

## MODES IN INDIRECT QUESTIONS

**581.** Indirect questions follow the rules for indirect discourse (§§ 673 ff.); after a secondary tense their verbs may be changed from the indicative or subjunctive to the optative of the same tense, or they may be retained in their original mode. For examples see § 673.

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**579 a.** In Homer, alternative indirect questions are introduced in the same way as direct alternative questions (see § 574 a).

## COMMANDS AND EXHORTATIONS

**582.** The modes used in expressing commands and exhortations are the imperative and the subjunctive. In the first person the subjunctive is used (since there is no imperative of the first person); in the other persons the imperative is commonly used (but see § 584).

NOTE. — ἄγε, ἴθι, φέρε, etc. — Commands and exhortations are often preceded by ἄγε (ἄγετε), εἰ δ' ἄγε, ἴθι, φέρε, *come now* (often with δὴ or νυν), and sometimes by δεῦρο or δεῦτε (lit. *hither*): as ἄγε δὴ . . . εἰπέ *come now, tell us* Xn. A. 2, 2, 10. φέρ' ἴδω *come, let me see* Ar. Nub. 21. These words are often used without regard to the person and number of the accompanying imperative or subjunctive (as ἄγε μίμνετε *come stay* B 331).

**583. Commands.** — A command is regularly expressed by the imperative mode: thus ἐμοὶ πείθου καὶ σώθητι *take my advice, and be saved* Pl. Crit. 44 b. θεοὶ δ' ἡμῖν μάρτυρες ἔστων *and let the gods be our witnesses* Xn. Cy. 4, 6, 10. τοσαῦτά μοι εἰρήσθω *let so much have been said by me* Lys. 24, 4. (The perfect active or middle imperative is rare.)

NOTE 1. — In Greek, as in English, a polite command (or request) may be implied in a future statement: as πάντως δὲ τοῦτο δράσεις *at all events you will do this* (i.e. “you will be kind enough to do this”) Ar. Nub. 1352. χωροῖς ἀνείσω *you might go within* (i.e. “go within”) S. El. 1491.

NOTE 2. — **Infinitive in Commands.** — A command may be suggested by the infinitive used independently (§ 614). A person addressed stands in the vocative case, but a predicate word referring to this vocative is in the nominative (cf. § 631); otherwise the subject is in the accusative (§ 629): as παῖδα δ' ἐμοὶ λῦσαι τε φίλην, τὰ τ' ἄποινα δέχεσθαι ἀζόμενοι Διὸς νιόν *but set my dear child free, and take this ransom, in holy fear of Zeus' son* A 20. ἀκούετε λεῶ· τοὺς γεωργοὺς ἀπιέναι *Oyez, Oyez, Oyez! the husbandmen (are) to depart* Ar. Pax 551.

NOTE 3. — A command is sometimes expressed by ὅπως (negative ὅπως μὴ, § 431, 1) and the future indicative, or (less often) a subjunctive: thus ὅπως οἶν ἔσεσθε ἄνδρες ἄξιοι τῆς ἐλευθερίας ἣς κέκτησθε *prove yourselves men worthy of the freedom which you possess* Xn. A. 1. 7, 3. ὅπως μὴ φήσῃ τις (take care to) *let no one say* Xn. Symp. 4, 8.

**584. Negative Commands (Prohibitions).** — A negative command is expressed regularly by μὴ (§ 431, 1) with the present imperative or the aorist subjunctive (the present, as usual, referring to a continued action, while the aorist represents a single act, § 539): thus (PRES. IMPV.) μὴ οἶν οἶον *now don't entertain the idea* Xn. A. 2, 1, 12. μὴ κτεῖνε Κροῖσον (stay) *don't kill Croesus* (i.e. don't continue what you are now doing) Hdt. 1, 85.

(AOR. SUBJ.) μὴ ποιήσῃς ταῦτα *don't do this* Xn. A. 7, 1, 8. μὴδενὶ τοῦτο παραστῇ *let not this occur to the mind of anybody* Lys. 12, 62.

NOTE. — The third person of the aorist imperative is occasionally found in prohibitions (e.g. μηδεὶς . . . προσδοκησάτω *let nobody expect* Pl. Ap. 17 c); other exceptions to the rule of § 584 are very rare.

**585. Exhortations.** — Exhortations are expressed by the first person of the subjunctive mode; if negative, by the subjunctive with μὴ (§ 431, 1): thus ἴωμεν *let us go*, φέρ' ἴδω *come, let me see* Ar. Nub. 21. μὴ μέλωμεν *let us not delay* Xn. A. 3, 1, 46.

## WISHES

**586.** Wishes are either hopeful or hopeless.

**587. Hopeful Wishes.** — A hopeful wish (future) stands in the optative mode, and may be introduced by εἴθε or εἰ

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**586 a.** In Homer (and less often in other poets) wishes are sometimes preceded by ὥς: as ὥς ὥφελες αὐτόθ' ὀλέσθαι *would you had perished there* F 428.

γάρ: thus *τούτους μὲν οἱ θεοὶ ἀποτείσαιντο* *these may the gods repay* Xn. A. 3, 2, 6. *εἴθε σὺ . . . φίλος ἡμῖν γένοιο* *would that you might become a friend to us* Xn. Hell. 4, 1, 38. So often *ὄλοιτο* *curse him* (lit. *may he perish*).

NOTE 1. — A wish (future) may be expressed in a roundabout way by *βουλοίμην* (*ἐθέλοιμι*) *ἄν* *I could wish* with an infinitive (cf. § 588, note): as *βουλοίμην μὲν οὖν ἄν τοῦτο οὕτω γενέσθαι* *I could wish that this might so happen* Pl. *Ap.* 19 a.

NOTE 2. — A wish (future) may sometimes be implied in a question asked by the potential optative (§ 576): as *πῶς ἂν ὀλοίμην* *how might I die* (i.e. 'I wish I might die') E. *Supp.* 796.

NOTE 3. — The infinitive used independently (§ 644) may suggest a wish (the construction is rare in prose): as *Ζεῦ πάτερ, ἧ Αἴαντα λαχεῖν ἧ Τυδέος υἱόν* *Father Zeus, may Ajax get the lot, or Tydeus' son!* H 179. *ὦ Ζεῦ, ἐκγενέσθαι μοι Ἀθηναίους τείσασθαι* *Grant me, Zeus, to take vengeance on the Athenians* Hdt. 5, 105.

**588. Hopeless Wishes.** — A hopeless wish (present or past) is expressed either (1) by a past tense of the indicative with *εἴθε* or *εἰ γάρ*, or (2) by some form of *ὄφελον* (aorist indicative of *ὀφείλω* *owe*) with the present or aorist infinitive: thus —

(1) *εἴθε σοι, ὦ Περικλεις, τότε συνεγενόμην* *I wish, Pericles, that I had been with you then* Xn. *Mem.* 1, 2, 46. *εἴθ' ἦν Ὀρέστης πλησίον* *would that Orestes were near!* E. *El.* 282.

(2) *Ἄλλ' ὄφελε μὲν Κῦρον ζῆν* *Would that Cyrus were*

**587 a.** In poetry, wishes are sometimes introduced by *εἰ* alone (e.g. *εἰ μοι γένοιτο* *I wish I might have* E. *Hec.* 836). In Homer *αἶθε* and *αἶ γάρ* (cf. § 600, 1 a) are also found.

**588 a.** In Homer a hopeless past wish is expressed only by *ὄφελον* (sometimes also the imperfect *ὄφελον*). A hopeless present wish is sometimes expressed also by the optative (cf. § 606 b): as *εἴθ' ὥς ἡβᾶοιμι, βίη δέ μοι ἔμπεδος εἴη* *I would that I were young again, and that my strength were sound* H 157.

*alive!* (lit. *Cyrus ought to be alive*) Xii. A. 2, 1, 4. Such wishes also may be preceded by εἴθε or εἰ γάρ: εἰ γὰρ ὄφελον, ὦ Κρίτων, οἰοί τ' εἶναι οἱ πολλοὶ τὰ μέγιστα κακὰ ἐργάζεσθαι *would that the common herd, Crito, were capable of doing the greatest harm* Pl. Crit. 44 d.

Observe that the aorist in hopeless wishes refers to a single act (in past time), while the imperfect refers to a continued act (in present, seldom in past, time). Cf. § 606. The same principle applies to the present or aorist infinitive with ὄφελον. Cf. § 567.

NOTE. — A hopeless wish is sometimes expressed in a roundabout way by ἐβουλόμην (or ἤθελον) ἂν *I could wish* (cf. § 587 note 1): as ἐβουλόμην ἂν αὐτοὺς ἀληθῆ λέγειν *I could wish that they spoke the truth* Lys. 12, 22.

**589. Negative Wishes.** — All negative wishes take the negative μή (§ 431, 1). (This is true even with ὄφελον, where we should expect οὐ; cf. § 431 note): thus ὥς δὴ μὴ ὄφελον νικᾶν *would that I had not been victor* λ 548. Ζεῦ, μηκέτ' εἶην *may I no longer live, O Zeus* E. Hipp. 1191.

NOTE. — With ὄφελον the negative μή probably belonged originally with the infinitive (§ 431, 1), but later came to precede the whole sentence (cf. § 431 note).

## FINAL CLAUSES

### PURPOSE

**590. Purpose Clauses.** — Purpose clauses regularly take the subjunctive after a primary tense and the optative (or subjunctive, § 674) after a secondary tense. They are introduced by ἵνα, ὥς, or ὅπως *that, in order that*, and if

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**590 a.** Homer has also ὅφρα (sometimes also ἕως, § 626 a) in purpose clauses: as κατανεύσομαι ὅφρα πεποίθῃς *I will bow my head so you shall not doubt* A 524.

negative they add the negative μή (§ 431, 1): thus Εἰς καιρὸν ἦκεις, ἔφη, ὅπως τῆς δίκης ἀκούσης “*you have come in good time,*” he said, “*that you may hear the trial*” Xn. Cy. 3, 1, 8. διανοεῖται αὐτὴν λῦσαι . . . ὥς μὴ διαβῇτε *he has in mind to destroy it [the bridge] so that you may not cross* Xn. A. 2, 4, 17.

λαβὼν ὑμᾶς ἐπορευόμην ἵνα . . . ὠφελοῖν αὐτόν *I proceeded with you in order to help him* Xn. A. 1, 3, 4. τὴν δὲ Ἑλληνικὴν δύναμιν ἡθροίζεν ὥς μάλιστα ἐδύνατο ἐπικρυπτόμενος, ὅπως ὅτι ἀπαρασκευότατον λάβοι βασιλεῶ *he collected the Greek force as secretly as possible, so as to take the King completely unprepared* Xn. A. 1, 1, 6.

ἃ . . . κατέκαυσεν ἵνα μὴ Κύρος διαβῇ *which [vessels] he had burned, so that Cyrus should not cross* Xn. A. 1, 4, 18.

#### PECULIARITIES IN PURPOSE CLAUSES

NOTE 1. **Optative by Attraction.** — A purpose clause depending on an optative (potential or of wishing) commonly stands in the optative by attraction (§ 316): thus βασιλεὺς ἡμᾶς ἀπολέσαι περὶ παντὸς ἂν ποιήσαιτο ἵνα καὶ τοῖς ἄλλοις Ἑλλήσι φόβος εἴη *the king would regard our destruction as all important, so that the rest of the Greeks may be afraid* Xn. A. 2, 4, 3.

NOTE 2. — ἄν — The adverb ἄν is sometimes used with ὥς or ὅπως and the subjunctive — probably a survival from the time when the purpose clause partook somewhat of the nature of a relative clause of anticipation (§ 623): thus ὥς δ' ἂν μάθῃς . . . ἀντάκουσον *but in order that you may learn, listen to the other side of the case* Xn. A. 2, 5, 16.

NOTE 3. **Future Indicative.** — The future indicative with ὅπως is sometimes found in purpose clauses (cf. §§ 593 and 555).

NOTE 4. **Unattained Purpose.** — When a purpose clause depends on an expression which shows that the purpose was not attained, it takes a past tense of the indicative: thus ἔδει τὰ ἐνέχυρα τότε λαβεῖν, ὥς μὴδ' εἰ ἐβούλετο ἐδύνατο ἐξαπατᾶν *security ought to have been taken*

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590 b (note 2). — In Homer ὄφρα κε (or ἄν) is not infrequently found in purpose clauses.

at the time so that he would not have been able to play false, even if he had wished to do so Xn. A. 7, 6, 23.

**591. Relative Clause of Purpose.** A relative clause with the future indicative may be used so as to express purpose (negative μή): as ἡγεμόνα αἰτεῖν Κύρου ὅστις . . . ἀπάξει to demand of Cyrus a guide who will lead us back Xn. A. 1, 3, 14. κρύψω τόδ' ἔγχος . . . ἔνθα μή τις ὄψεται I'll hide this sword where none shall see it S. Aj. 658.

**592. Infinitive of Purpose.** — Purpose may be expressed also by the infinitive (§ 640), but usually only with words which can take an indirect object (§ 375): as τὸ δὲ ἥμισυ κατέλιπε φυλάττειν τὸ στρατόπεδον the other half (of the army) he left to guard the camp Xn. A. 5, 2, 1. ταύτην τὴν χώραν ἐπέτρεψε διαρπάσαι τοῖς Ἑλλήσιν this country he turned over to the Greeks to plunder Xn. A. 1, 2, 19.

For purpose suggested by the infinitive with ὥστε see § 595, note. For the participle see § 653, 5.

**593. Object Clauses.** — An object clause differs from a purpose clause in being in apposition with the object (or subject) of a verb denoting care, attention, or effort.

Object clauses take the future indicative with ὅπως (rarely after a secondary tense the future optative, § 677); a negative clause adds the negative μή (§ 431, 1): as ὅπως δε καὶ ὑμεῖς ἐμὲ ἐπαινέσετε ἐμοὶ μελήσει it shall be my care that (lit. how that) you, in turn, shall commend me Xn. A. 1, 4, 16. τοῦτο δεῖ παρασκευάσθαι, ὅπως ὥς κράτιστα μαχούμεθα this we must arrange, namely how we

**593 a.** Homer does not distinguish so closely as Attic between purpose and object clauses, and he often uses the subjunctive with ὥς or ὅπως (often with κε also) in object clauses: as φράσσεται ὥς κε νήται he will contrive (how) that he shall return α 205.



*shall best fight* Xn. A. 4, 6, 10. (FUT. OPT.; rare) διεπράττοντο ὅπως ἐν τῇ ἑαυτῶν ἑκάστοι ἡγήσονται *they arranged that they should be severally leaders in their own countries* Xn. Hell. 7, 5, 3.

1. The (present or aorist) subjunctive or optative (§ 677) is sometimes found in object clauses instead of the future indicative (cf. § 555): thus ὅρᾱ . . . ὅπως μὴ παρὰ δόξαν ὁμολογῆς *see to it that you do not make any admission contrary to what you really think* Pl. Crit. 49 c. ἀπεκρίνατο ὅτι αὐτῷ μέλοι ὅπως καλῶς ἔχοι *he replied that he was taking care that all should go well* Xn. A. 1, 8, 13.

NOTE. — Instead of ὅπως μὴ, sometimes μὴ is found with the subjunctive after words like ὁρῶ and σκοπῶ *see to it*.

**594. Clauses of Fearing.** — A fear that something may happen (in the future), depending on words of fearing and the like, is expressed by the subjunctive with μὴ after a primary tense and the optative (or subjunctive, § 674) with μὴ after a secondary tense. If negative, οὐ is added (§ 432): thus δέδοικα . . . μὴ ἐπιλαθώμεθα τῆς οἴκαδε ὁδοῦ *I fear we may forget the homeward way* Xn. A. 3, 2, 25. οὐ τοῦτο δέδοικα μὴ οὐκ ἔχω ὅ τι δῶ *I am not afraid that I shall not have anything to give* Xn. A. 1, 7, 7.

ἔδεισαν οἱ Ἕλληνες μὴ προσάγοιεν πρὸς τὸ κέρας *the Greeks were in terror lest they should lead against their flank* Xn. A. 1, 10, 9.

ὑπερεφοβέιτο μὴ οἱ ὁ πάππος ἀποθάνῃ *he was more than afraid that his dear grandfather might die* Xn. Cy. 1, 4, 2.

NOTE. — Rarely the future indicative is found after words of fearing; sometimes also ὅπως μὴ (instead of μὴ) with the future indicative or the subjunctive (cf. §§ 593 and 555).

1. A fear concerning the present or past stands in the indicative, with μὴ or μὴ οὐ: as φοβούμεθα μὴ ἀμφοτέρων ✓

ἄμα ἡμαρτήκαμεν *we fear that we have failed of both at once* Th. 3, 53. δίδω μὴ δὴ πάντα θεὰ νημερτέα εἶπεν *I fear that all the goddess said is true* ε 300.

NOTE. — The construction after words of fearing (§ 594) is best explained as derived from the use of μὴ in questions (§ 572, 2) with the indicative or the anticipatory subjunctive (§ 576 a). Thus, originally δέδοικα· μὴ ἔρχεται (or ἦλθεν); meant *I am afraid; may he not possibly be coming (or have come) ?*, and δέδοικα· μὴ ἔλθῃ, meant *I am afraid; may he not perhaps come ?* Later the second clause came to be regarded as dependent on the first.

As fears mostly concern the future rather than the present or past, the subjunctive is of course much more common than the indicative. The optative after a secondary tense is due to the influence of the principle of indirect discourse (§ 677).

## RESULT

595. Clauses of result are regularly introduced by ὥστε *so that* (sometimes by ὡς or an equivalent relative). If the result is regarded purely as result (without stating its actual attainment), the infinitive mode is used (§ 645); if the attainment of the result is emphasized, the indicative mode (or some other form of independent sentence) is employed: thus (INFINITIVE) τίς οὕτως ἐστὶ δεινὸς λέγειν ὥστε σε πείσαι; *who is so clever at speaking as to persuade you?* Xn. A. 2, 5, 15. ἤλαυνεν ἐπὶ τοὺς Μένωνος, ὥστ' ἐκείνους ἐκπεπλήχθαι *he advanced against Menon's soldiers so that they were panic-stricken* Xn. A. 1, 5, 13. ἐνετύγχανον τάφροις καὶ αὐλῶσιν ὕδατος πλήρεις, ὥς μὴ δύνασθαι διαβαίνειν *they came upon ditches and conduits full of water, so that they were* (lit. *so as to be*) *unable to cross* Xn. A. 2, 3, 10.

(INDICATIVE) ἡ μήτηρ συνέπρᾳττεν αὐτῷ ταῦτα· ὥστε βασιλεὺς τὴν μὲν πρὸς ἑαυτὸν ἐπιβουλὴν οὐκ ᾔσθ' ἄνετο *his mother coöperated with him in this, so that the King was not aware of the plot against him* Xn. A. 1, 1, 8.

(POTENTIAL OPTATIVE) *πλοῖα δ' ὑμῖν πάρεστιν ὥστε ὅπῃ ἂν βούλησθε ἐξαίφνης ἂν ἐπιπέσοιτε* *you have boats, so that you could make a sudden descent on any place you choose* Xn. A. 5, 6, 20. So also the imperative as well as other forms of statement, wish, question, etc., are occasionally found with *ὥστε*.

NOTE. — A result not yet attained, expressed by *ὥστε* and the infinitive, may sometimes come very near denoting purpose: as *μηχαναὶ πολλάί εἰσιν . . . ὥστε διαφεύγειν θάνατον* *there are many devices so as to escape (i.e. for escaping) death* Pl. Ap. 39 a.

596. *ἐφ' ᾧ, ἐφ' ᾧτε* (and *ὥστε*). — A clause introduced by *ἐφ' ᾧ, ἐφ' ᾧτε* (and sometimes *ὥστε*) *on the ground that* with the infinitive or (less often) the future indicative, regularly implies a proviso: as *αἰρεθέντες δὲ ἐφ' ᾧτε ξυγγράψαι νόμους* *but having been chosen so that* (“with the proviso that”) *they should compile laws* Xn. Hell. 2, 3, 11. *ποιοῦνται κοινῇ ὁμολογίαν . . . ὥστε Ἀθηναίοις μὲν ἐξεῖναι βουλευσάι* *they made a general agreement, so that* (i.e. “with the proviso that”) *the Athenians should be allowed to consider measures* Th. 3, 28.

597. *Relative Clause Implying Result.* — Result may also be implied by a relative clause with the indicative (§ 619, note): as *τίς οὕτω μαίνεται ὅστις οὐ βούλεται σοι φίλος εἶναι;* *who is so mad as not to* (lit. *who does not*) *wish to be a friend to you?* Xn. A. 2, 5, 12.

## CAUSAL CLAUSES

598. Causal clauses are introduced by *ὅτι* (*διότι*) *because*; less often by *ἐπεὶ* (*ἐπειδὴ*) or *ὅτε* *when, since* (cf. the Latin

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598 a. Homer has also *ὅ* and *ὅ τε* (§ 441 a) in the sense of the Attic *ὅτι because*.

*cum*), ὥς *as*, *since*, or by a relative pronoun (§ 619, note).

The mode of the verb in a causal clause is regularly the indicative (although a potential form of statement is sometimes possible): as ἐπεὶ ᾗσθητο . . . καὶ ὅτι . . . ἤκουε *since he had learned, and because he heard* Xn. A. 1, 2, 21.

Cause may also be implied by a circumstantial participle (see § 653, 4, and § 656, 1).

NOTE. — After a secondary tense causal clauses are subject to the principles of indirect discourse, and may have the optative (§ 677).

1. εἰ **after words of wondering, etc.** — After words expressing *surprise, joy, sorrow, anger*, and the like, a cause is sometimes more delicately put as a mere supposition: as οὐ θαυμάστων δ' εἰ τότε τὰς μοριάς ἐξέκοπτον *it's not wonderful that (lit. if) at that time they destroyed the sacred olive trees* Lys. 7, 7.

## CONDITIONS

**599.** 1. In Greek, as in other languages, a simple condition (in which nothing is implied as to the fulfillment) stands in the indicative mode (§ 602).

2. A condition in which something is implied as to the fulfillment (i.e. as not likely to take place, not taking place, or not having taken place) has in Greek, as in other languages, a special conditional form. See Future Less Vivid (§ 605) and Contrary to Fact Conditions (§ 606).

3. In addition to the conditional forms common to other languages, Greek has also a special form of future condition (§ 604), and in present and past time a special form for general conditions (§ 608).

## CONDITIONAL SENTENCES

**600.** A conditional sentence consists regularly of two parts: the Protasis (or Condition), which states the condition, and the Apodosis (or Conclusion), which states what happens (or would happen) under that condition.

1. The protasis is introduced by some word meaning or implying *if* (εἰ, εἰάν, or a relative, § 620); the regular negative of the protasis is μή (§ 431, 1).

(For εἰ after words of wondering, etc., see § 598, 1.)

NOTE. — If οὐ is used in the protasis, it usually modifies some particular word of the protasis (cf. § 431, 3): thus εἰ τοὺς θανόντας οὐκ ἐᾷς θάπτειν *if you don't allow* (i.e. forbid) *the burial of the dead* S. Aj. 1131.

**601.** In classifying conditional sentences, it is convenient to refer them to certain normal forms which repeatedly occur, but the Greek did not hesitate to employ that form of protasis or apodosis which should best express his meaning (see § 612).

NOTE. — **Apodotic δέ.** — Originally the two parts of a conditional sentence were coördinate, and could be connected by coördinate conjunctions (like δέ and ἀλλά). Traces of this earlier usage still appear sometimes in the use of δέ (rarely ἀλλά) in the apodosis, as if to connect it with the protasis: thus εἰάν τ' αὖ λέγω ὅτι καὶ τυγχάνει μέγιστον ἀγαθὸν ὃν ἀνθρώπῳ τοῦτο . . . , ταῦτα δ' ἔτι ἦττον πείσεσθε *if, on the other hand, I say that this happens to be the greatest good for a man, then you will even less believe this* Pl. Ap. 38 a.

**602. Simple Conditions.** — In Greek, as in other languages, a simple condition (in which nothing is implied as to the fulfillment) takes the indicative mode in both protasis and apodosis: thus εἰ δέ τις οἶεται ἕνα αἰρετὸν εἶναι

ὄφθαλμὸν βασιλεῖ, οὐκ ὀρθῶς οἶεται *but if anybody thinks that one chosen man is Eye for the King, he doesn't think rightly* Xn. Cy. 8, 2, 11. εἰ μὲν θεοῦ ἦν, οὐκ ἦν . . . αἰσχροκερδής *if he was a god's son, he was not basely greedy of gain* Pl. Rep. 408 c. εἰ τῖμωρήσεις Πατρόκλῳ . . . τὸν φόνον καὶ Ἑκτορα ἀποκτενεῖς. αὐτὸς ἀποθανῇ *if you avenge the murder of Patroclus, and slay Hector, you yourself shall die* Pl. Ap. 28 c.

1. Protasis and apodosis need not be in the same tense: thus εἰ . . . ἔλϋε τὰς σπονδάς, τὴν δίκην ἔχει *if he broke the truce, he has his deserts* Xn. A. 2, 5, 41.

NOTE 1. — **Equivalents of the Indicative in Simple Conditions.** — Equivalents of the indicative may be substituted for it in the apodosis (and rarely in the protasis). Thus, the optative of wishing (= ἐλπίζω *I hope*, § 587), the imperative (= κελεύω *I command*, § 582), the subjunctive of exhortation (— δέῃ or χρῆ *it is necessary or proper*), or even the potential optative or indicative (— ἐμοὶ δοκεῖ *it seems to me*) (§§ 563, 565) may stand for the indicative: as σοὶ δ' εἴ πῃ ἄλλη δέδοκται, λέγε καὶ δίδασκε *but if you have come to any different conclusion, (I beg you) speak and explain* Pl. Crit. 49 e. καὶ εἴτε μηδεμία αἴσθησις ἐστίν . . . θαυμάσιον κέρδος ἂν εἴη ὁ θάνατος *and if it is unconsciousness, (it seems to me) death would be a wondrous gain* Pl. Ap. 40 c.

NOTE 2. — **Future Indicative in Present Conditions.** — Rarely the future indicative is used in the protasis with the force of a periphrastic future (see § 533 note) to express a present intention. Such conditions are better classed as present conditions: thus εἰ δὴ ὁμοῦ πόλεμός τε δαμᾷ καὶ λοιμὸς Ἀχαιούς *if war and plague together are to lay the Achaeans low* A 61. So εἰ . . . πιστεύσομεν *if we are going to trust* Xn. A. 1, 3, 16.

#### FUTURE CONDITIONS (MORE VIVID AND LESS VIVID)

**603.** In future conditions the Greeks usually preferred not to assume the condition as a fact (§ 602), but to anticipate it as a more or less remote possibility (cf. §§ 555, 558); hence we find two special forms of future conditions, the Future More Vivid and the Future Less Vivid.

do this + die  
if you do this you will die



**604. Future More Vivid.** — A Future More Vivid Condition, anticipating an immediate future possibility, has:

In the protasis,

the subjunctive with *ἐάν* (*ἤν* or *άν*).

In the apodosis,

the future indicative (or its equivalent):

thus *ἤν γὰρ τοῦτο λάβωμεν, οὐ δυνήσονται μένειν* for *if we capture this, they will not be able to stay* Xn. A. 3, 4, 41. *ἐάν σωφρονήτε, οὐ τούτου ἀλλ' ὑμῶν αὐτῶν φείσεσθε* *if you are discreet, you will spare not him, but yourselves* Xn. *Hell.* 2, 3, 34.

NOTE. — Equivalents of the future indicative, such as the imperative, hortatory subjunctive, subjunctive with *οὐ μή* (§ 569, 2), and the like (cf. § 602, note 1) may take the place of the future indicative in the apodosis: as *καὶ χρῶ αὐτοῖς ἐάν δέη τι* and *use them, if you need them at all* Xn. *Cy.* 5, 4, 30. *κἂν φαινώμεθα ἄδικοι αὐτὰ ἐργαζόμενοι, μὴ οὐ δέη, κτλ.* and *if we shall appear to do this unjustly, will it not perhaps be necessary, etc.*, Pl. *Crit.* 48 d.

**605. Future Less Vivid.** — A Future Less Vivid condition, implying that the supposition is a somewhat remote possibility, has:

**604 a.** In Homer, and sometimes in the Attic poets, a future more vivid condition is expressed by the subjunctive with *εἰ* alone (without *άν* or *κε*, cf. §§ 623 a; 609 a): as *οὐ τοι ἔτι δηρὸν γε φίλης ἀπὸ πατρίδος αἴης ἔσσειται οὐδ' εἴ πέρ ἐ σιδήρεα δέσματ' ἔχῃσιν* *be sure that not for long will he be absent from his native land, no, not if bonds of iron restrain him* a 204. So *κεῖ τις ᾗ σοφός* *even if one be wise* S. *Ant.* 710.

**b.** Homer uses in the apodosis also the other forms of future statement (such as the subjunctive with or without *άν* or *κε*) described in § 563 a; as *εἰ δέ κε μὴ δώσιν, ἐγὼ δέ κε ν αὐτὸς ἔλωμαι* and *if he do not give her, then I myself may seize her* A 324.

**605 a.** Homer sometimes uses *εἴ κε* (instead of *εἰ*) with the optative in the protasis of a future less vivid condition: as *εἰ δέ κε ν Ἀργος ἰκοίμεθ'* . . . and *if ever we should come to Argos* I 141.



In the protasis,  
the optative with *εἰ*.

In the apodosis,  
the potential optative (i.e. optative with *ἄν*, § 563):

thus *ὁδοποιήσείε γ' ἄν αὐτοῖς καὶ εἰ σὺν τεθρίπποις βούλονται ἀπιέναι* *he would make roads for them even if they should want to depart with chariot-and-four* Xn. A. 3, 2, 24. *ἐφ' ὃν ἔλθοιτε ἄν, εἰ τὸν Ἄλυν διαβαίτε* *to which [i.e. the Parthenius] you would come, if you should cross the Halys* Xn. A. 5, 6, 9.

NOTE. — Observe that the less vivid condition of future time corresponds to the contrary to fact condition of present or past time.

#### CONDITIONS CONTRARY TO FACT

**606.** In a condition contrary to fact the supposition stated in the protasis is contrary to the existing facts. Such conditions have:

In the protasis,  
a past tense of the indicative with *εἰ*.

In the apodosis,  
the potential indicative (§ 565) (i.e. a past tense of the indicative with *ἄν*), or its equivalent (§ 566).

**606 a.** In Homer the imperfect in a condition contrary to fact refers always to past time.

**b.** In Homer a condition contrary to fact is sometimes thought of as still possible, and so is expressed as a future less vivid (opt. with *εἰ*, opt. with *ἄν* (§ 565 a); cf. the similar use of the present subjunctive in earlier Latin). Usually only the apodosis is expressed in this form: as *οὐ κε θανόντι περ ὦδ' ἀκαχοίμην, εἰ μετὰ οἷς ἐτάροισι δάμη Τρώων ἐνὶ δῆμῳ* *I should not have been (lit. could not be) so distressed at his death, if he had perished with his companions amidst the people of the Trojans* a 236 (cf. also § 588 a).

The aorist in these conditions denotes a single act, and hence refers regularly to past time ; the imperfect denotes a continued action (or state), and refers either to present or to past time ; the pluperfect is used only when the completion and continuance of the result of the act (§ 534) are emphasized, and refers usually to present time. Protasis and apodosis need not stand in the same tense: thus

**Aorist (PAST TIME)** οὐκ ἂν ἐποίησεν Ἀγασίας ταῦτα, εἰ μὴ ἐγὼ αὐτὸν ἐκέλευσα *Agasias would not have done this, if I had not told him to* Xn. A. 6, 6, 15. καὶ ἴσως ἂν διὰ ταύτ' ἀπέθανον, εἰ μὴ ἡ ἀρχὴ διὰ ταχέων κατελύθη *and perhaps I should have been put to death for this, if the government had not soon been overthrown* Pl. Ap. 32 d. (An aorist (ἂν . . . εἶπες) of a single act in present time (rare) is in Pl. Rep. 337 b.)

**Imperfect (PRESENT TIME)** ταῦτα δὲ οὐκ ἂν ἐδύναντο ποιεῖν, εἰ μὴ καὶ διαίτῃ μετρίᾳ ἐχρῶντο *they would not have the power to do this, if they did not also lead a temperate life* Xn. Cy. 1, 2, 16.

(PAST TIME) οὐκ ἂν οὖν νήσων . . . ἐκράτει, εἰ μὴ τι καὶ ναυτικὸν εἶχεν *now he would not have been master of islands, if he had not possessed also some naval force* Th. 1, 9.

**Pluperfect (PRESENT TIME)** with aorist (past time) εἰ τριάκοντα μόναι μετέπεσον τῶν ψήφων, ἀπεπεφεύγη ἂν *if only thirty of the votes had been cast on the other side, I should (now) be free* Pl. Ap. 36 a.

**Aorist (PAST) and Imperfect (PRESENT)** εἰ μὴ ὑμεῖς ἦλθετε, ἐπορευόμεθα ἂν ἐπὶ βασιλέᾳ *if you had not come we should (now) be marching against the King* Xn. A. 2, 1, 4.

**Imperfect (PAST) and Aorist (PAST)** εἰ μὲν πρόσθεν ἠπιστάμην, οὐδ' ἂν συνηκολούθησά σοι *if I had understood this before, I should not have followed with you* Xn. A. 7, 7, 11.

**607.** In place of the potential indicative in the apodosis of a condition contrary to fact may be substituted a statement of fact expressed by the imperfect indicative (without *ἄν*) of a verb denoting possibility, propriety, necessity, and the like (*ἐξῆν, ἔδει, χρῆν*, etc.). See § 567 and note: thus

WITH AORIST INFINITIVE (past time) *ἐξῆν σοι φυγῆς τῖμῆσασθαι, εἰ ἐβούλου* *it was possible for you to propose the penalty of exile, if you so desired* Pl. Crit. 52 c.

WITH PRESENT INFINITIVE (present time) *χρῆν σ' εἵπερ ἦσθα μὴ κακὸς, πείσαντά με γαμεῖν γάμον τόνδ'* *you ought, if you were not so base, to win my sanction to contract this marriage* E. Med. 586.

WITH PRESENT INFINITIVE (past time) *ἐχρῆν γὰρ αὐτοῖς, εἵπερ ὑμῶν ἔνεκα ἔπραττον ταῦτα, φαίνεσθαι τῆς αὐτῆς τῖμῆς πολλὰς ἡμέρας πωλοῦντας* *for, if they were doing this on your account, they ought to have been observed to sell at the same price for many days* Lys. 22, 12.

#### GENERAL CONDITIONS

**608.** In present and past time the Greeks had a special form for a general condition (to state what *always* happens (or happened) if the condition is (or was) *ever* fulfilled).

**609. Present General.** — In a Present General condition the usage is:

In the protasis,

the subjunctive with *εἰάν* (*ἦν* or *ἄν*).

In the apodosis,

the present indicative (or the equivalent):

**609 a.** In Homer, present general conditions usually have in the protasis the subjunctive with *εἰ* alone (without *κε* or *ἄν*, cf. § 604 a; 625 a): as *οὐ δέ τις ἡμῖν θαλπωρή, εἴ περ τις . . . φῆσιν ἐλεύσεσθαι* *and to us it is no joy if (ever) some one say that he will come* α 167. This usage is sometimes found in other poets.

thus ἦν δ' ἐγγὺς ἔλθῃ θάνατος, οὐδεὶς βούλεται θνήσκειν  
*if Death comes near, nobody wants to die* E. Alc. 671.  
 τὰς δὲ ὀπίδας, ἄν τις ταχὺ ἀνιστῇ, ἔστι λαμβάνειν *it*  
*is possible to catch bustards if one starts them up suddenly*  
 Xn. A. 1, 5, 3.

NOTE 1. — In place of the present indicative in the apodosis may be substituted the gnomic aorist (§ 530). See § 530 and the second example there quoted.

NOTE 2. — Observe that the present general condition differs from the future more vivid (§ 601) only in the apodosis, which states what always takes place (instead of what will take place), in case the anticipation expressed in the protasis is realized.

**610. Past General.** — In a Past General condition the usage is :

In the protasis,

the optative with **εἰ**.

In the apodosis,

the imperfect indicative (or the equivalent) :

thus εἴ ποῦ τι ὀρώῃ βρωτόν, διεδίδου *if he saw anywhere*  
*anything eatable, he distributed it* Xn. A. 4, 5, 8. εἴ τι  
 ἄλλο πράττειν βούλοιντο, κύριοι ἦσαν *if (ever) they wished*  
*to do anything else, they had authority* Lys. 12, 44.

NOTE 1. — As an equivalent of the imperfect indicative in the apodosis, the imperfect or aorist indicative with ἄν (§ 568), or the aorist modified by “never,” “often,” and the like may be used : as εἰ δέ τινος τοῦ κλήρου ὁ ποταμός τι παρέλοιτο, ἐλθὼν ἂν πρὸς αὐτὸν ἐσήμαινε τὸ γεγεννημένον *if (ever) the river carried away any portion of a man's lot, he would come before him [the king] and relate what had happened* Hdt. 2, 109. For an example of the aorist with ἄν as the apodosis of a past general condition, see § 568. For the aorist with a negative see Xn. A. 1, 9, 18.

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**610 a.** In Homer there is but one example of the optative in a past general condition, namely Ω 768 εἴ τις . . . ἐνίπτοι, . . . κατέρυκες *if ever any one spoke harshly . . . you restrained (him).*

NOTE 2. — Observe that the past general condition differs from the future less vivid (§ 605) only in the apodosis, which states what regularly took place (instead of what would take place), in case the possibility suggested in the protasis came true.

## SUMMARY OF CONDITIONAL FORMS

611. The normal usage in conditions may be summarized as follows :

TIME	FORM	PROTASIS	APODOSIS
Future	Simple (or most vivid)	Fut. Indic. with <i>εἰ</i>	Fut. Indic. (or equivalent)
	More Vivid	Subj. with <i>ἐάν</i>	Fut. Indic. (or equivalent)
	Less Vivid	Opt. with <i>εἰ</i>	Opt. with <i>ἄν</i>
Present	Simple	Pres. (or Perf.) Indic. with <i>εἰ</i>	Pres. (or Perf.) Indic. (or equivalent)
	General	Subj. with <i>ἐάν</i>	Pres. Indic. (or equivalent)
	Contrary to Fact	Imperf. (or Pluperf.) Indic. with <i>εἰ</i>	Imperf. (or Pluperf.) Indic. with <i>ἄν</i> (or equivalent, §§ 566-567)
Past	Simple	Past tense of Indic. with <i>εἰ</i>	Past tense of Indic.
	General	Opt. with <i>εἰ</i>	Imperf. Indic. (or equivalent)
	Contrary to Fact	Aorist or Imperf. Indic. with <i>εἰ</i>	Aorist or Imperf. Indic. with <i>ἄν</i> (or equivalent, §§ 566-567)

## VARIATIONS FROM THE NORMAL FORMS OF CONDITIONAL SENTENCES

612. Besides the combinations given above, other combinations are not infrequent. The most common are :

1. *Protasis Simple* (§ 602) or *More Vivid* (§ 604) with *Apodosis Less Vivid* (§ 605). — ἀδικοίην μὲν ἂν εἰ μὴ ἀποδώσω unjustly should I act if I do not restore her E. Hel. 1010. οὐδὲ γὰρ ἂν πολλαὶ γέφυραι ὦσιν, ἔχοιμεν

ἀν ὅποι φυγόντες ἡμεῖς σωθῶμεν *for not even if there be many bridges, should we have anywhere to escape and save ourselves* Xn. A. 2, 4, 19.

2. *Protasis Less Vivid* (§ 605) *with Apodosis Simple* (§ 602). — τοῦτό γέ μοι δοκεῖ καλὸν εἶναι, εἴ τις οἶός τ' εἴη παιδεύειν ἀνθρώπους *this certainly seems to me to be a fine thing, if anybody should be able to educate men* Pl. Ap. 19 e. τί τῷ πλήθει περιγενήσεται εἰ ποιήσαιμεν ἃ ἐκείνοι προστάττουσιν; *what advantage will result for the people, if we should do what they insist on?* Lys. 34, 6.

NOTE. — **Potential Optative or Indicative in Protasis.** — Rarely a potential optative or indicative is used in a protasis, retaining, of course, its regular force: as εἴ γε μηδὲ δοῦλον ἀκρατῇ δεξαίμεθ' ἂν *if we would not take even a slave who is intemperate* Xn. Mem. 1, 5, 3.

**613.** The protasis sometimes depends remotely on an idea contained in the apodosis, in which case it is best translated “*in case that*” or “*on the chance that*”: as ὅρᾱ δὲ δὴ τῆς σκέψεως τὴν ἀρχήν, εἰάν σοι ἱκανῶς λέγεται *now consider the beginning of our investigation, in case it be stated to your satisfaction* Pl. Crit. 48 e.

**614. Implied Conditions.** — A condition may be implied in a participle (§ 653, 6), adverb, or adverbial phrase, or a relative clause (§§ 621; 622): as σὺν ὑμῖν μὲν ἂν οἶμαι εἶναι τίμιος . . . ὑμῶν δὲ ἔρημος ὦν οὐκ ἂν ἱκανὸς εἶναι οἶμαι οὐτ' ἂν φίλον ὠφελῆσαι οὐτ' ἂν ἐχθρὸν ἀλέξασθαι *with you (i.e. εἰ σὺν ὑμῖν εἴην if I should be with you) I think I should be honored (i.e. εἴην ἂν), but deprived of you (i.e. εἰ ὑμῶν ἔρημος εἴην) I think I should not be able (i.e. εἴην ἂν) either to help a friend or to defend myself against a foe* Xn. 1, 3, 6.

**615. Verb not Expressed.** — The verb in the protasis or apodosis sometimes is not expressed if it can be readily



felt from the context: as *εἴ τις καὶ ἄλλος ἀνὴρ, καὶ Κῦρος ἄξιός ἐστι θαυμάζεσθαι* if any other man is worthy to be admired, *Cyrus, too, is worthy to be admired* Xn. *Cy.* 5, 1, 6. *εἰ δὴ τῷ σοφώτερός του φαίην εἶναι, τούτῳ ἂν* if I should say that I am wiser than anybody in any respect, it would (I should say) be in this respect Pl. *Ap.* 29 b.

**616.** From the regular suppression of the verb of the apodosis have arisen the following idiomatic expressions:

1. *εἰ μὴ* if not, i.e. except: as *οὐ γὰρ δὴ . . . ὁρῶμεν εἰ μὴ ὀλίγους τούτους ἀνθρώπους* for we do not see any one except (lit. if not) these few men Xn. *A.* 4, 7, 5.

2. *εἰ μὴ διὰ* if not on account of, i.e. except for: as *ἀπολέσαι παρεσκευάζοντο τὴν πόλιν, εἰ μὴ δι' ἀνδρας ἀγαθοὺς* they were making ready to destroy the State (and they would have destroyed it) if it had not been for some good men Lys. 12, 60.

3. *εἰ δὲ μὴ* but if not, i.e. otherwise (a supposition contrary to what immediately precedes): as *ἀπῆται τὰ . . . χρήματα · εἰ δὲ μὴ, πολεμήσειν ἔφη αὐτοῖς* he demanded restoration of the property; otherwise (lit. but if they should not restore it) he said he should make war on them Xn. *Hell.* 1, 3, 3. So also *εἰ δὲ μὴ* is used even when the preceding clause is negative: as *μὴ ποιήσης ταῦτα · εἰ δὲ μὴ, . . . αἰτιάων ἔξεις* don't do this; otherwise (i.e. if you persist in doing it) you will be blamed Xn. *A.* 7, 1, 8. So also *εἰ δὲ μὴ* is regularly used where *ἐὰν δὲ μὴ* (owing to a preceding *ἐάν*) would be more logical.

4. *ὥσπερ ἂν εἰ* just as would be if, i.e. like as: thus *ἡσπάζετό τε αὐτὸν ὥσπερ ἂν εἴ τις πάλαι συντεθραμμένος . . . ἀσπάζοιτο* he greeted him just as one would greet another if he should greet him after being long associated with him Xn. *Cy.* 1, 3, 2.



## CONCESSIVE CLAUSES

**617.** Concessive clauses are introduced by *εἰ καί* (*ἐὰν καί*) *if even* or *καὶ εἰ* (*καὶ ἐάν*, and by crasis § 43 *κᾶν*) *even if*; otherwise they do not differ from conditional clauses: as *ἱκανοί εἰσι . . . τοὺς μικροὺς κᾶν ἐν δεινοῖς ᾧσι, σῶζειν εὐπετῶς* *they (the gods) are able easily to save lowly men, even if (i.e. although) they are in great straits* Xn. A. 3, 2, 10.

Concession may also be implied by the circumstantial participle (§ 653, 7).

## RELATIVE (AND TEMPORAL) CLAUSES

**618.** Relative clauses are introduced by relative pronouns (substantive and adjective) and relative adverbs.

NOTE. — *ἕως* means both “*while*,” “*so long as*,” and “*all the while till*,” i.e. *until*: as *ἕωσπερ ἐμπνέω . . . οὐ μὴ παύσομαι* *so long as I live and breathe, I shall not stop* Pl. Ap. 29 d. *μέχρι γὰρ τούτου νομίζω χρῆναι κατηγορεῖν, ἕως ἂν θανάτου δόξη τῷ φεύγοντι ἄξια εἰργάσθαι* *for so far do I think one should continue his impeachment, until it shall appear that acts deserving death have been committed by the defendant* Lys. 12, 37.

1. *Negative Relative Clauses.* — A relative clause that states a fact, if negative, takes the negative *οὐ* (§ 431, 1): other relative clauses (of anticipation, purpose, etc.) take the negative *μή* (§ 431, 1).

## RELATIVE CLAUSES WITH DEFINITE ANTECEDENT

**619.** A relative clause whose relative refers to a definite antecedent may have any of the constructions of an independent sentence (statement, question, wish, command, §§ 562–589).

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**618 a** (note). *ὅφρα* in Homer (like *ἕως* in Attic, § 618 note) means both *while* and *until*. He has also *εἰς ὃ κε* = *until*.

NOTE. — Such clauses containing a statement in the indicative may imply cause (§ 598) or result (§ 597); if negative, they have *οὐ*.

## RELATIVE CLAUSES WITH INDEFINITE ANTECEDENT

**620.** Relative clauses in which the relative refers to an indefinite antecedent take the same modes as the protases of conditional sentences (§§ 602–610). If negative, they have always *μή* (§ 431, 1).

**621.** A relative clause containing the indicative may sometimes imply the protasis of a simple condition (negative *μή*): as *ἀ μή οἶδα οὐδὲ οὔμαι εἰδέναι* *what (ever) I don't know I don't even think that I know* Pl. *Ap.* 21 d. *οὐ μὴ ἔτυχον ἐν ταῖς τάξεσιν ὄντες, εἰς τὰς τάξεις ἔθρον* *those who did not happen to be in line ran to their lines* Xn. *A.* 2, 2, 14.

NOTE. — More commonly such clauses are conceived as general in nature, and so take the subjunctive or the optative according to § 625.

**622.** Rarely a relative clause containing a past tense of the indicative is so used as to imply the protasis of a condition contrary to fact (§ 606): as *καὶ ὅποτετα τούτων ἐποίησεν, οὐδενὸς ἂν ἦττον Ἀθηναίων πλούσιοι ἦσαν* *and whichever of these he did (i.e. assuming that he had done one of them, § 553, 1) they [the children] would have been as rich as any one of the Athenians* Lys. 32, 23.

**623.** A relative clause which merely anticipates a future event or a future possibility has the subjunctive with *ἄν* (cf. the future more vivid condition, § 604): thus *ὅ τι ἂν*

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**623 a.** Often in Homer, and not infrequently in other poets, a relative clause of anticipation has the subjunctive alone (without *κε* or *ἄν*); cf. § 555, note, and §§ 604 a; 625 a.

δέη πείσομαι *I will endure whatever may be necessary* Xn. A. 1, 3, 5. τῷ ἀνδρὶ δὲν ἂν ἔλῃσθε πείσομαι *I will obey whatever man you shall elect* Xn. A. 1, 3, 15. ἐπειδὴν δὲ διαπράξωμαι ἂ δέομαι, ἥξω *as soon as I shall have accomplished my purpose I shall return* Xn. A. 2, 3, 29. περιμένετε ἔστω ἂν ἐγὼ ἔλθω *wait till I come* Xn. A. 5, 1, 4.

**624.** A relative clause which anticipates a more remote future possibility has the optative (cf. the future less vivid condition, § 605): thus ὀκνοῖν μὲν ἂν εἰς τὰ πλοῖα ἐμβαίνειν ἂ ἡμῖν δοίη *I should hesitate to go on board the vessels which he might give us* Xn. A. 1, 3, 17. ἀλλ' ὃν πόλις στήσειε, τοῦδε χρὴ κλύειν *but whomsoe'er the State might set in station o'er us, him we must obey* S. Ant. 666.

**625.** Relative clauses which suggest a *general* or *repeated* possibility have the subjunctive with ἄν when dependent on a present (or future) tense, and the optative when dependent on a past tense (cf. the general conditions §§ 609–610): thus

*Present General.* — ἕως μὲν ἂν παρῇ τις, χρῶμαι *as long as any one is present, I avail myself of his services* Xn. A. 1, 4, 8. ὅς κε θεοῖς ἐπιπείθεται, μάλα τ' ἔκλυον (§ 530) αὐτοῦ *whosoever obeys the gods, him they most do hear* A 218.

*Past General.* — σφοδρὸς [ἦν Χαιρεφῶν] ἐφ' ὅτι ὀρμήσειε *Chaerephon was very enthusiastic in whatever he undertook* Pl. *Ap.* 21 a. ἐθήρευν ἀπὸ ἵππου ὁπότε γυμνάσαι βούλοιτο ἐαυτὸν τε καὶ τοὺς ἵππους *he hunted on horseback whenever*

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**625 a.** Usually in Homer, and not infrequently in other poets, general relative clauses (present) have the subjunctive alone (without κε or ἄν). Compare § 623 a and § 609 a: thus τὰ φράζειαι ἄσσω ' ἐθέλῃσθ α *you consider whatsoever you desire* A 554.

*he wanted to exercise himself and his horses* Xn. A. 1, 2, 7. περιεμένομεν οὖν ἐκάστοτε ἕως ἀνοιχθείη τὸ δεσμωτήριον . . . ἐπειδὴ δὲ ἀνοιχθείη, εἰσῆμεν *so we waited each time until the prison should be opened; and when (ever) it was opened we went in* Pl. *Phaed.* 59 d.

NOTE. — ὁ τι μὴ and ὅσον μὴ. — ὁ τι μὴ and ὅσον μὴ are used elliptically, like εἰ μὴ (§ 616, 1), in the meaning *except*: as οὐ παρ-εγένοντο ὁ τι μὴ ὀλίγοι *they were not present, with the exception of a few* (lit. *what was not the few who were present*) Th. 4, 94.

**626. Temporal Clauses with Words Meaning “until.”** — Temporal clauses introduced by words meaning “until” are sometimes used so as to imply purpose (cf. § 624 and § 625 last example). The suggestion of purpose makes no difference in the mode of the verb, which is regularly the subjunctive with ἄν in connection with a primary tense, and the optative in connection with a secondary tense (§§ 624, 625).

NOTE. — Rarely, for the sake of vividness (cf. § 674) the subjunctive is used in a temporal clause after a secondary tense: as ἕως δ' ἄν ταῦτα διαπράξωνται φυλακὴν . . . κατέλιπε *he left a garrison until they [the people] should carry out these measures* Xn. *Hell.* 5, 3, 25.

**627. πρίν.** — The temporal conjunction πρίν (in origin a comparative adverb from the root of πρό *before*) meaning *sooner than, before (until)* is used with the indicative (619),

**626 a.** In Homer ἕως (ἥος), like ὅφρα (§ 590 a) is sometimes used in a purpose clause where it is better translated “*in order that*”: as δῶκεν . . . ἑλαιον ἥος χυτλώσαιοτο [her mother] *gave her oil that she might bathe and anoint herself* § 80.

**627 a.** In Homer πρίν (likewise πάρος *before*) is used regularly with the infinitive after both negative and affirmative sentences. Rarely πρίν ὅτε (πρίν γ' ὅτ' ἄν), literally *before the time when*, is found with the indicative (or subjunctive). Rarely also πρίν is found with the subjunctive (without κε or ἄν), but only after a negative clause.

subjunctive (§§ 623; 625), and optative (§ 624) in the same way as other relative adverbs of time, but usually only after a *negative* sentence; after an *affirmative* sentence, *πρὶν* is commonly used with the infinitive (§ 645): thus

(INDICATIVE) οὐτε τότε . . . ἰέναι ἤθελε πρὶν ἡ γυνὴ αὐτὸν ἔπεισε *and he was not then willing to go until his wife persuaded him* Xn. A. 1, 2, 26.

(SUBJUNCTIVE) δέεται αὐτοῦ μὴ πρόσθεν καταλῦσαι . . . πρὶν ἂν αὐτῷ συμβουλευέσῃται *he desires him not to come to terms before (i.e. until) he shall advise with him* Xn. A. 1, 1, 10.

(OPTATIVE) ἐδέοντο μὴ ἀπελθεῖν πρὶν ἀπαγάγοι τὸ στράτευμα *they wanted him not to go away before (i.e. until) he should lead back the army* Xn. A. 7, 7, 57.

(INFINITIVE) διέβησαν πρὶν τοὺς ἄλλους ἀποκρίνασθαι *they crossed before the rest replied* Xn. A. 1, 4, 16.

NOTE. — The adverbs *πρόσθεν* or *πρότερον* are sometimes used in the principal clause as forerunners of *πρὶν* (see the second example in § 627). Both *πρὶν ἢ* and *πρότερον ἢ* *sooner than* are sometimes used like *πρὶν*.

## THE INFINITIVE

**628.** The infinitive is a verbal substantive (originally a dative or a locative case). It retains its verbal character, however, in so far that it has voice and tense, is modified by adverbs (not by adjectives), and takes its object in the same case as a finite verb.

### SUBJECT OF THE INFINITIVE

**629. Subject Accusative.** — The subject of the infinitive, if expressed, is always in the accusative case (§ 342 and note). A predicate substantive or adjective belonging to

the subject then agrees with it in case: as τοὺς φυγάδας ἐκέλευσε σὺν αὐτῷ στρατεῦσθαι *he bade the exiles take the field with him* Xn. A. 1, 2, 2. ὃν ᾤετο πιστόν οἱ εἶναι *whom he thought to be faithful to himself* Xn. A. 1, 9, 29. νομίζω γὰρ ὑμᾶς ἐμοὶ εἶναι καὶ πατρίδα καὶ φίλους καὶ συμμαχούς *for I think you are to me both country, friends, and allies* Xn. A. 1, 3, 6.

NOTE. — So also predicate words referring to an indefinite subject (not expressed) stand in the accusative case: as ἃ ἔξεστιν ἀριθμῆσαντας . . . εἰδέναι *things which it is possible (for people) to know by counting* Xn. Mem. 1, 1, 9.

**630. Subject not Expressed.** — If the subject of the infinitive is expressed or indicated in connection with the word (or words) on which the infinitive depends, it is not expressed again with the infinitive; as ἔφη ἐθέλειν *he said he was willing* (but in Latin *dixit se velle*) Xn. A. 4, 1, 27. νομίζει ὑπ' ἐμοῦ ἠδικησθαι *he thinks he has been wronged by me* Xn. A. 1, 3, 10.

NOTE. — Exceptions to the rule of § 630 are comparatively rare, but if the subject is again expressed with the infinitive, it of course stands in the accusative (§ 629).

**631. Agreement of Predicate Words.** — When the subject of the infinitive is expressed or indicated not with the infinitive, but in connection with the word on which the infinitive depends (§ 630), a predicate substantive or adjective commonly stands in the same case with the subject *as expressed*: thus (NOMINATIVE) Πέρσης μὲν ἔφη εἶναι *he said that he was a Persian* Xn. A. 4, 4, 17. τοῦτο δ' ἐποίει ἐκ τοῦ χαλεπὸς εἶναι *he accomplished this by being severe* Xn. A. 2, 6, 9.

(GENITIVE) τῶν φασκόντων δικαστῶν εἶναι *of those who say that they are judges* Pl. Ap. 41 a. Κύρου ἐδέοντο ὥς



προθυμοτάτου πρὸς τὸν πόλεμον γενέσθαι *they begged Cyrus to become as zealous as possible toward the war* Xn. *Hell.* 1, 5, 2.

(DATIVE) ἔδοξε τοῖς στρατηγοῖς βουλευσασθαι συλλεγεῖσιν *it seemed best to the generals to meet together and consider* Xn. *A.* 4, 8, 9.

(ACCUSATIVE) πάντας οὕτω διατιθεὶς ἀπεπέμπετο ὥστε αὐτῷ μᾶλλον φίλους εἶναι ἢ βασιλεῖ *he sent them all back, so disposing them that they were more friendly to himself than to the King* Xn. *A.* 1, 1, 5.

1. Sometimes, however, the influence of the infinitive causes a predicate noun referring to a genitive or dative (rarely a nominative) to stand in the accusative (cf. § 316): as Ἀθηναίων ἐδεήθησαν σφίσι βοηθοὺς γενέσθαι *they wanted the Athenians to come to their assistance* Hdt. 6, 100. Ξενίᾳ . . . ἤκειν παραγγέλλει λαβόντα τοὺς ἄλλους *he sent instructions to Xenias to take the rest of the men, and come* Xn. *A.* 1, 2, 1.

## USES OF THE INFINITIVE

**632.** The infinitive has two distinct uses: (1) as a substantive (not in indirect discourse), and (2) in indirect discourse.

NOTE.—The use of the infinitive (with subject accusative) was developed from its substantive use, thus ἀγγέλλω Κῦρον νικᾶν originally meant *I report Cyrus in regard to being victorious*, which amounts to saying *I report that Cyrus is victorious*, and (Κῦρον) νικᾶν is felt to represent (Κῦρος) νικᾷ, the present indicative (cf. § 342, note).

**633. Negative with the Infinitive.**—The infinitive used as a substantive has regularly as its negative μή (§ 431, 1); the infinitive in indirect discourse retains the negative of the direct discourse (usually οὐ, § 431, 2).



**634. Personal and Impersonal Construction.** — In Greek, as in English, both the personal and the impersonal constructions are found with words of saying and the like. Thus, the Greeks said both *Κύρος λέγεται ἀναβῆναι* *Cyrus is said to have gone up*, and *λέγεται Κύρον ἀναβῆναι* *it is said that Cyrus went up*, but the tendency was to employ the personal construction more freely than in English. Hence some of the Greek personal constructions (especially with *δηλός* *evident*, *δίκαιος* *just*, and the like) have to be rendered in English as impersonal: thus *δηλός ἦν ἀνιώμενος* *it was evident that he was distressed* (lit. *he was evident*) *Xn. A. 1, 2, 11.*

### THE INFINITIVE AS A SUBSTANTIVE

**635.** The use of the infinitive soon extended far beyond its original bounds (as a dative or locative case) and it was felt that the infinitive could stand in any case (nominative, genitive, dative, or accusative), but unless it is modified by the article (§ 636) it is often impossible to say definitely in what case the infinitive stands.

**636. Articular Infinitive.** — The infinitive may be modified by the neuter of the definite article, *τό. τοῦ, τῶ* (§ 444); when so modified, its substantive character appears even more clearly.

**637. Infinitive as Subject.** — The infinitive (with or without the article) may stand as the subject of a verb (or as a predicate substantive): as *κόσμος καλῶς τοῦτο δρᾶν* *to perform this as it should be done is a credit* *Th. 1, 5. τὸ γάρ τοι θάνατον δεδιέναι . . . οὐδὲν ἄλλο ἐστὶν ἢ δοκεῖν*

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**636 a.** Homer never uses the article with the infinitive.

σοφὸν εἶναι μὴ ὄντα *for to fear death is nothing else than to seem to be wise when one is not* Pl. Ap. 29 a.

If the infinitive is the subject of a finite verb, it is of course in the nominative case; if it is the subject of an infinitive, it is of course in the accusative case.

1. **Infinitive as (Apparent) Subject.** — With many impersonal verbs and similar expressions, such as δεῖ or χρή *it is necessary*, δοκεῖ *it seems best*, ἔστι *it is possible*, ἔξεστι *it is allowed*, πρέπει or προσήκει *it is fitting*, καλὸν ἐστὶ *it is a fine thing*, δίκαιον *it is right*, and the like, the infinitive stands in the relation of subject or quasi-subject (cf. § 305, note): as ὧδε οὖν χρὴ ποιεῖν *thus then we must act* Xn. A. 2, 2, 4. τί δεῖ αὐτὸν αἰτεῖν; *why must he make demand?* Xn. A. 2, 1, 10. ἔξεστιν ὁρᾶν *it is possible to see* Xn. A. 3, 4, 39. ἔδοξεν οὖν αὐτοῖς . . . προῖέναι *so it seemed best to them to proceed* Xn. A. 2, 1, 2. δίκαιον γὰρ ἀπόλλυσθαι τοὺς ἐπιорκοῦντας *for it is right for perjurers to perish* Xn. A. 2, 5, 41. For the personal construction, instead of the impersonal, in examples like the last see § 634.

Here belongs also the infinitive in indirect discourse (§ 646) with passive verbs of saying and thinking, like λέγεται, νομίζεται, etc. (cf. § 634).

*He fought to kill.*

638. **Infinitive as Object or Cognate Accusative.** — The infinitive with or without the article is used with great frequency as an object (§ 329) or cognate accusative (§ 331). When used as a cognate accusative it is often called the Complementary Infinitive. Examples are: ἤθελον αὐτοῦ ἀκούειν *they were willing to listen to him* Xn. A. 2, 6, 11. οὐ δυνάμενοι καθεύδειν *not being able to sleep* Xn. A. 3, 1, 3. οὐκ εἶχον ἱκανὰς [χιμαῖρὰς] εὔρειν *they had not (the power) to find enough [goats]* Xn. A. 3, 2, 12. μαθάνουσιν ἄρχειν τε καὶ ἄρχεσθαι *they learn to govern and to be*

governed Xn. A. 1, 9, 4. ἤχοντο αὐτὸν εὐτυχῆσαι *they prayed for him to have good luck* Xn. A. 1, 4, 17. τοὺς μὲν ὀπλίτας αὐτοῦ ἐκέλευσε μένειν *he bade the hoplites remain on the spot* Xn. A. 1, 5, 13. οὐκ ἐκώλυε βασιλεὺς τὸ Κύρου στράτευμα διαβαίνειν *the King did not hinder Cyrus' army from crossing* Xn. A. 1, 7, 19. διεπράξατο πέντε μὲν στρατηγούς ἵέναι *he managed to have five generals go* Xn. A. 2, 5, 30.

Here belongs also the infinitive in indirect discourse after verbs of saying and thinking (§ 669). For the infinitive with verbs of promising and the like see § 549, 2.

(WITH THE ARTICLE) φοβούμενοι οὐχ ἡμᾶς μόνον, ἀλλὰ καὶ τὸ καταπεσεῖν *in fear not only of us, but also of falling off* Xn. A. 3, 2, 19.

(WITH PREPOSITIONS) πρὸς τὸ μετρίων δεῖσθαι πεπαιδευμένος *trained to having only moderate wants* Xn. Mem. 1, 2, 1.

**639. Infinitive in the Genitive Case.**—The infinitive (usually with the article) may stand in the genitive case: as οἱ δὲ ζῶντες αἴτιοι θανεῖν *the living are the cause of his death* S. Ant. 1173.

(WITH THE ARTICLE) τοῦ πιεῖν ἐπιθυμία *the desire to drink* Th. 7, 84. ἀμελήσας τοῦ συλλέγειν πλοῖα *having neglected to collect vessels* Xn. A. 5, 1, 15. ἄρξαντες τοῦ διαβαίνειν *taking the lead in crossing* Xn. A. 1, 4, 15.

(WITH A PREPOSITION) ἀντὶ τοῦ τοῖς πλείοσι πείθεσθαι *instead of obeying the majority* Xn. Hell. 2, 3, 34.

NOTE.—For the infinitive with τοῦ expressing purpose (mostly in Thucydides) see § 352, 1, note.

**640. Infinitive in the Dative Case.**—The infinitive (with or without the article) is often found in the dative case: as τὸ δὲ ἀσφαλὲς καὶ μένειν . . . καὶ ἀπελθεῖν αἱ νῆες

παρέξουσιν *security both for staying and for going away, our ships will provide* Th. 6, 18. Here doubtless are to be classed the infinitive expressing purpose (see § 592) and the infinitive with most adjectives and substantives (see § 641).

(WITH THE ARTICLE) Μένων ἡγάλλετο τῷ ἐξαπατᾶν δύνασθαι *Menon rejoiced in being able to deceive* Xn. A. 2, 6, 26.

(WITH PREPOSITIONS) ἐν γὰρ τῷ κρατεῖν ἐστι καὶ τὸ λαμβάνειν τὰ τῶν ἡττόνων *in being victorious is included also the right to take the property of the vanquished* Xn. A. 5, 6, 32.

**641. Infinitive with Adjectives and Substantives.** — Adjectives (adverbs) and substantives, denoting *ability, fitness, power, sufficiency*, and the like, and their *opposites*, may be followed by the infinitive: as δυνατὴν καὶ ὑποζυγίοις πορεύεσθαι ὁδόν *a road practicable even for pack animals to travel* Xn. A. 4, 1, 24. ὅπόσοι ἱκανοὶ ἦσαν τὰς ἀκροπόλεις φυλάττειν *as many as were sufficient to guard the citadels* Xn. A. 1, 2, 1. δεινὸς λέγειν *clever at speaking* Pl. *Ap.* 17 b. χαλεπὰ εὐρεῖν *hard to find* Pl. *Rep.* 412 b. οἰοί τε ἔσεσθε ἡμῖν συμπῶσαι *you will be able to coöperate with us* Xn. A. 5, 4, 9.

ὄρᾳ ἀπιέναι *it's time to go away* Pl. *Ap.* 42 a. ἀνάγκη ἐστὶ μάχεσθαι *it is necessary to fight* Xn. A. 4, 6, 10. ὄκνος ἦν ἀνίστασθαι *there was a disinclination to get up* Xn. A. 4, 4, 11. θαῦμα ἰδέσθαι *a wonder to behold* θ 366.

NOTE. — As in English, the active infinitive is commonly used with adjectives and substantives, even though the meaning may be passive: as ἄξιος θαυμάσαι *worth admiring, worthy to be admired* Th. 1, 138. Cf. in English “a house to let.”

**642. Adverbial Use of the Infinitive.** — The infinitive (with or without the article) may be used adverbially, like the dative of Respect (§ 390), or the Adverbial Accusative (§ 336): as τὸ δὲ βιά πολιτῶν δρᾶν ἔφυν ἀμήχανος *but as for acting in defiance of the State, I am too weak for that* S. Ant. 79. ὥς . . . σχολή ἧ ἡμῖν τὸ κατὰ τοῦτου εἶναι *that we may have freedom so far as this man is concerned* Xn. A. 1, 6, 9.

1. With the article τό the adverbial infinitive is most frequently found after words denoting *hindrance* and the like (§ 643); without the article it is most frequently found in certain set phrases (often preceded by ὥς): ὥς εἰπεῖν or ὥς ἔπος εἰπεῖν *as one might say*, (ὥς) συνελόντι εἰπεῖν (§ 382, last example) *to speak concisely*, (ὥς) ἐμοὶ δοκεῖν *as it seems to me*, ἐκὼν εἶναι *willingly* (lit. *in respect to being willing*), ὀλίγου δεῖν or μικροῦ δεῖν *almost* (lit. *in regard to lacking little*).

NOTE. — The infinitive δεῖν is often omitted from ὀλίγου δεῖν and μικροῦ δεῖν, leaving ὀλίγου or μικροῦ alone to mean *almost*: as ὀλίγου ἐμμαντοῦ ἐπελαθόμην *I almost forgot who I was* Pl. Ap. 17 a.

**643. Construction after Words of Hindering.** — Words meaning (or suggesting) *hinder* may be followed by either (1) the simple infinitive (§ 638), or (2) the infinitive with τοῦ (§ 639), or (3) the simple infinitive with μή (§ 434) or (4) the infinitive with τοῦ μή (§ 434), or (5) the infinitive with τὸ μή (§ 642, 1 and § 434). Thus, *he hinders me from speaking* may be expressed in Greek by (1) κωλύει με λέγειν, (2) κωλύει με τοῦ λέγειν, (3) κωλύει με μὴ λέγειν, (4) κωλύει με τοῦ μὴ λέγειν, (5) κωλύει με τὸ μὴ λέγειν.

If the word of hindering is itself modified by a negative (see § 435), we may have also (6) οὐ κωλύει με μὴ οὐ λέγειν, and (7) οὐ κωλύει με τὸ μὴ οὐ λέγειν. For other examples see §§ 434–5.

**644. Infinitive of Suggestion.** — The infinitive may be used independently to *suggest* an action, but without stating it as a fact. An infinitive so used may suggest a wish (see § 587, note 3), or command (see § 583, note 2), or it may be used as an exclamation (usually with the article): as τῆς μωρίας· τὸ Δία νομίζειν *Stupidity! to think of having a belief in Zeus!* Ar. Nub. 819.

NOTE. — Some of the so-called independent infinitives, it can be seen, were earlier dependent on words like δός *grant (that)* or ἔδοξε *it was voted (that)* and the like.

#### OTHER USES OF THE SUBSTANTIVE INFINITIVE

**645.** The infinitive is used with ὥστε (sometimes with ὥς), ἐφ' ᾧ, ἐφ' ᾧτε, to denote result (see §§ 595; 596), and with πρὶν meaning *before* (see § 627).

NOTE. — The infinitive, with or without ὥστε or ὥς (§ 595) is sometimes used with ἢ after a comparative (§ 426, note 5): as νόσημα μείζον ἢ φέρειν *a disease too great to bear* S. O.T. 1293. ἐλάττω ἔχοντα δύναμιν ἢ ὥστε τοὺς φίλους ὠφελεῖν *having a force too small to (lit. smaller than so as to) help his friends* Xn. Hell. 4, 8, 23.

#### THE INFINITIVE IN INDIRECT DISCOURSE

**646.** When the infinitive is used in indirect discourse, each tense represents the same tense (of the indicative or optative) of the direct discourse (the present including also the imperfect, and the perfect the pluperfect; see §§ 551 and 671). If ἄν was used in the direct discourse, it is retained in the indirect (§ 439): thus ἔφη ἐθέλειν *he said he was willing* (i.e. ἐθέλω *I am willing*) Xn. A. 4, 1, 27. ἰᾶσθαι αὐτὸς τὸ τραῦμά φησι *he says that he himself treated the wound* (i.e. ἰώμην *I treated*) Xn. A. 1, 8, 26. οἰόμεθα ἂν καὶ τῇ ἀρετῇ χρῆσθαι *we think we could make some use also of our valor* (i.e. χρώμεθα ἂν *we could use*)



Xn. A. 2, 1, 12. λέγεται οἰκοδομῆσαι *he is said to have built* (i.e. ὠκοδόμησε *he built*) Xn. A. 1, 2, 9. For additional examples see §§ 551 and 671.

**647. Infinitive with ἄν.** — The infinitive with ἄν usually represents in indirect discourse a potential optative or indicative of the direct discourse (§ 646), but the infinitive used as a substantive may sometimes take ἄν to give it a potential meaning (cf. § 436): as παντάπασιν ἀπεστερηκέαι . . . μὴ ἄν ἔτι σφᾶς ἀποτειχίσαι *to have deprived them completely of any possible power of walling them in* Th. 7, 6.

## THE PARTICIPLE

**648.** The participle is a verbal adjective (§ 159, 1), and follows the same principles of agreement as other adjectives (§§ 420–423).

**649.** The uses of the participle may be classed under three heads: Attributive, Circumstantial, and Supplementary, but these uses shade off into one another, and the same participle may sometimes be referred to two classes. Thus, in μαχόμενοι διετέλεσαν *they continued fighting*, μαχόμενοι is supplementary to διετέλεσαν, but it also denotes the circumstances under which they continued.

### A. THE ATTRIBUTIVE PARTICIPLE

**650.** The participle is used to modify a substantive exactly like any other adjective (§ 419): thus πόλις οἰκουμένη *an inhabited city*, ὁ παρὼν καιρός *the present occasion*, ὁ μὴ δαρεὶς ἄνθρωπος (§ 431, 1) *the unflogged man*.

✓ — 1. The substantive which a participle modifies may be omitted, and the participle alone then has the value of a



substantive (cf. § 424): thus οἱ παρόντες *the persons present*, τὸ μέλλον *the future* (lit. *the thing about to be*), τὸ θαρσοῦν *courage* (lit. *the thing not afraid*) Th. 1. 36. τῶν ἐργασομένων ἐνότων *since there were in the country those who would cultivate it* Xn. A. 2, 4, 22. ἔπλει . . . ἐπὶ πολλὰς ναῦς κεκτημένους *he sailed against men possessed of many ships* Xn. Hell. 5, 1, 19.

NOTE 1. — A participle, like any other adjective (§ 424), used substantively, may sometimes be modified by a genitive, if its verbal force is no longer felt: as βασιλέως προσήκοντές τινες *some relatives of the king* Th. 1, 128.

NOTE 2. — Greek uses the participle much more freely than English does, and the attributive participle must often be rendered in English by a substantive or a relative clause: as οἱ πεπεισμένοι (lit. *the persuaded persons*) *those who have been persuaded or the converts*, οἱ ἐνοικοῦντες *the inhabitants* Xn. A. 1, 5, 5. ὁ τὴν γνώμην ταύτην εἰπὼν *the man who advanced this opinion* Th. 8, 68. τὰ δέοντα *the duties*, etc. ✓

**651. Participle as a Predicate Adjective.** — The participle, like any other adjective, may stand in the predicate with a copula (§ 307): as οὔτε γὰρ θρασύς οὔτ' οὖν προδείσας εἰμί *for I am neither bold nor timorous* S. O. T. 90. Many other examples are to be seen in the mass of periphrastic forms in the perfect system (§§ 226; 227; 221, 1; 230; 536).

## B. THE CIRCUMSTANTIAL PARTICIPLE

**652.** The participle may serve to define the circumstances under which an action takes place: as πρὸς δὲ βασιλεῶ πέμπων ἡξίου *sending to the king he demanded* Xn. A. 1, 1, 8. συλλέξας στρατεύμα ἐπολιόρκει Μίλητον *collecting an army he besieged Miletus* Xn. A. 1, 1, 7. ἀκούσασι τοῖς στρατηγοῖς ταῦτα ἔδοξε τὸ στρατεύμα

*συναγαγεῖν* when the generals heard this, they decided to marshal their forces Xn. A. 4, 4, 19.

**653.** In Greek circumstantial participles are many times as frequent as in English, and very often they cannot be properly translated by a corresponding English participle: usually they are best rendered by an English clause or phrase expressing time, means, manner, cause, purpose, condition, concession, or merely an attendant circumstance, as best accords with the Greek context: thus

1. *Time*. — ἀκούσας ταῦτα ἔλεξεν when he had heard this, he said Xn. A. 1, 7, 6. ἔτι παῖς ὢν while still a boy Xn. A. 1, 9, 2 (see also § 655).

2. *Means*. — ληζόμενοι ζῶσι they live by plundering Xn. Cy. 3, 2, 25.

3. *Manner*. — παρήλαυνον τεταγμένοι they marched by in order Xn. A. 1, 2, 16. (Cf. also § 655, 1.)

4. *Cause*. — ἡ μήτηρ ὑπῆρχε τῷ Κύρῳ φιλοῦσα αὐτὸν μᾶλλον ἢ τὸν βασιλεύοντα Ἀρταξέρξην Cyrus' mother took his side, because she loved him more than she did the king Artaxerxes Xn. A. 1, 1, 4. ἡξίου ἀδελφὸς ὢν αὐτοῦ he demanded on the ground that he was his brother Xn. A. 1, 1, 8. (Cf. also § 655, 1 and § 656, 1.)

5. *Purpose*. — To express purpose the future participle is regularly used, but the present is sometimes found (cf. § 524): thus πέμψαι δὲ καὶ προκαταληψομένους τὰ ἄκρα to send men to occupy the heights in advance Xn. A. 1, 3, 14. ἀνίσταντο οἱ μὲν . . . λέγοντες ἃ ἐγίγνωσκον, οἱ δὲ . . . ἐπιδεικνύντες οἷα εἶναι ἢ ἀπορίᾳ some arose to tell what they thought, and others (with the purpose of) pointing out what the difficulty was Xn. A. 1, 3, 13. (Cf. also § 656, 3.)

6. *Condition*. — οὐδὲ χρήματα μὲν λαμβάνων διαλέγομαι, μὴ λαμβάνων δ' οὐ moreover, I do not converse on condition

*of receiving money, and refrain from conversation if I receive none* Pl. Ap. 33 a.

Observe that if a participle implying a condition is negatived, μή is always used (§ 431, 1).

7. *Concession* ("although"). — μέσον τῶν ἑαυτοῦ ἔχων τοῦ Κύρου εὐωνύμου ἔξω ἦν *although he commanded the center of his own forces, he was beyond Cyrus' left wing* Xn. A. 1, 8, 13. οὐδὲν ὑπ' ἐμοῦ ἀδικούμενος . . . κακῶς ἐποίεις τὴν ἐμὴν χώραν *although you were in nowise wronged by me, you did damage to my land* Xn. A. 1, 6, 7. (Cf. also § 655, 1 and § 656, 2.)

8. *Any Attendant Circumstance*. — συλλέξας στρατεύμα ἐπολιόρκει Μίλητον *having collected an army he laid siege to Miletus* Xn. A. 1, 1, 7. Such participles are often best rendered in English by a coördinate verb: as καταπηδήσας ἀπὸ τοῦ ἄρματος τὸν θώρακα ἐνέδῳ *he leapt down from his chariot, and put on his breastplate* Xn. A. 1, 8, 3.

NOTE 1. — It is important to remember that these relations (of time, manner, etc., § 653, 1–8) are not expressed by the participle, but only implied by the context. Often the same participle may be rendered in English in several different ways. Thus ἐπολέμει ἐκ Χερρονήσου ὁρμώμενος (*he waged war, using the Chersonese as a base of operations* Xn. A. 1, 1, 9), taken by itself, might be rendered *he waged war while using the Chersonese, etc.* (time, § 653, 1) or *he waged war by using the Chersonese, etc.* (means, § 653, 2) or *he waged war, thus using, etc.* (manner, § 653, 3) or *he was enabled to wage war because he used, etc.* (cause, § 653, 4), or *he waged war with the idea of using, etc.* (purpose, § 653, 5), or *he did wage war, if he used, etc.* (condition, § 653, 6), or *he waged war although he used, etc.* (concession, § 653, 7), or *he waged war with the Chersonese as a base of operations* (attendant circumstance, § 653, 8); but in every case that form of English translation should be chosen which best suits the Greek context. ✓

NOTE 2. — Some idiomatic uses of the circumstantial participle are often best rendered by a different idiom in English. Thus, ἀρχόμενος (lit. *beginning*) is often best rendered *at first, in the beginning, τελευταῖον*

(lit. ending) finally, ἔχων (lit. holding on) persistently, ἀνύσας (lit. having completed) quickly, θαρρῶν boldly, λαθῶν (lit. escaping notice) secretly, χαίρων (lit. rejoicing) with impunity, κλαίων (lit. weeping) to one's sorrow, φθάσας (lit. anticipating) before. (Many of these are to be explained as adjectives used with adverbial force, § 425): thus ὅπερ ἀρχόμενος ἐγὼ ἔλεγον as I said in the beginning Pl. Ap. 24 a. ἄνοιγ' ἀνύσας make haste and open Ar. Nub. 181.

NOTE 3. — Participles like ἔχων having, ἄγων leading, φέρων carrying, χρώμενος using may often be rendered "with": as ἔχων ὀπλίτας χιλίους with a thousand hoplites Xn. A. 1, 2, 9. ποίᾳ δυνάμει συμμαχῶ χρησάμενοι with what force as allies Xn. A. 2, 5, 13.

NOTE 4. — The phrases τί (ὃ τι) παθὼν (lit. having experienced what?), and τί (ὃ τι) μαθὼν (lit. having learned what?), are best translated "what possessed you to . . ." (πάσχω) or "what put it in your head to . . ." (μανθάνω), or loosely "why in the world": as τί παθόντε λελάσμεθα what has possessed us to forget? A 313.

#### ADVERBS WITH THE CIRCUMSTANTIAL PARTICIPLE

**654.** The relations of time, manner, cause, etc., often implied in the circumstantial participle (§ 653), may be made clearer (1) by means of adverbs modifying the principal verb, or (2) they may be definitely stated by means of adverbs modifying the participle itself.

**655. Adverbs Modifying the Principal Verb.** — The adverbs εὐθύς straightway, ἀντίκα immediately, ἅμα at the same time, τότε (ἐνταῦθα) then, ἤδη already, εἴτα then, ἔπειτα thereupon, and a few others, modifying the principal verb, often serve to make clearer a temporal relation implied in the participle. Cf. § 653, 1. (The first four are often more closely connected in sense with the participle than with the principal verb): thus τῷ δεξιῷ κέρα τῶν Ἀθηναίων εὐθύς ἀποβιβηκότι . . . ἐπέκειντο they attacked the right wing of the Athenians as soon as it was disembarked (lit. when the right wing was disembarked, they straightway attacked it) Th. 4, 43. ἐμάχοντο ἅμα πορευό-

μενοι *they fought and marched at the same time* Xn. A. 6, 3, 5. πολλαχού δὴ με ἐπέσχε λέγοντα μεταξύ *it often checked me in the very act of speaking* Pl. Ap. 40 b. ἐκέλευσεν αὐτὸν συνδιαβάνα ἔπειτα οὕτως ἀπαλλάττεσθαι *he advised him to cross with the rest, and then withdraw* Xn. A. 7, 1, 4.

1. In like manner ὁμως nevertheless, οὕτως thus, εἴτα, or ἔπειτα, with the principal verb, may help a participle implying concession (§ 653, 7), οὕτως may help a participle implying manner (§ 653, 3), and οὕτως or διὰ ταῦτα (τοῦτο) may help a participle implying cause (§ 653, 4): as ἄπειροι ὄντες αὐτῶν . . . ὁμως ἐτολμήσατε . . . ἰέναι εἰς αὐτούς *although you knew nothing about them, yet you dared to go against them* Xn. A. 3, 2, 16. νομίζων ἀμείνους καὶ κρείττους πολλῶν βαρβάρων ὑμᾶς εἶναι, διὰ τοῦτο προσέλαβον *because I thought you better and braver than many barbarians (for this reason) I enlisted you* Xn. A. 1, 7, 3.

**656. Adverbs Modifying the Participle.** — The following adverbs modify the participle itself:

1. The adverb ἅτε (also οἶον, οἶα) *inasmuch as* (§ 441 a) gives the participle a *causal* meaning: thus ὁ δὲ Κύρος ἅτε παῖς ὢν . . . ἦδετο τῇ στολῇ *and Cyrus, inasmuch as he was a child, was pleased with the equipment* Xn. Cy. 1, 3, 3. ἅτε θεωμένων τῶν ἐταίρων *inasmuch as their companions were looking on* Xn. A. 4, 8, 28.

2. Καίπερ *although* (sometimes also καί or καὶ ταῦτα, § 312 note) gives the participle a *concessive* meaning: thus

**656, 1 a.** In Herodotus ὥστε is used with participles meaning *inasmuch as* (like Attic ἅτε): as ὥστε δὲ ταῦτα νομίζων *but inasmuch as he believed this* Hdt. 1, 8.

**656, 2 a.** In Homer (and sometimes in tragedy) καί and περ (cf. § 71 note) are often separated by the participle or other emphatic word: as οἱ δὲ καὶ ἀχνύμενοί περ ἐπ' αὐτῷ ἠδὺν γέλασαν *but they, though troubled, laughed joyously at him* B 270; sometimes περ alone means *although*: as ἀχνύμενοί περ *although distressed* κ 174.

καὶ τότε προσεκύνησαν καίπερ εἰδότες ὅτι ἐπὶ θάνατον ἄγοιτο  
*even then they did homage to him, although they knew that  
 he was being led to death* Xn. A. 1, 6, 10.

3. Ὡς shows that the participle states the reasons of somebody else without implicating the speaker or writer. (The context sometimes shows that the reason is only pretended): thus Πρόξενον . . . ἐκέλευσε . . . παραγενέσθαι, ὥς εἰς Πισιδᾶς βουλόμενος στρατεύεσθαι, ὥς πράγματα παρεχόντων τῶν Πισιδῶν τῇ ἑαυτοῦ χώρᾳ *he bade Proxenus join him, on the (pretended) ground that he wished to undertake an expedition against the Pisidians, since the Pisidians (as he said) were causing trouble for his territory* Xn. A. 1, 1, 11. ταύτην τὴν χώρᾱν ἐπέτρεψε διαρπάσαι τοῖς Ἑλλήσιν ὥς πολεμίων οὔσαν *this country he turned over to the Greeks to plunder since (in his opinion) it was hostile* Xn. A. 1, 2, 19. συλλαμβάνει Κῦρον ὥς ἀποκτενῶν *he arrested Cyrus with the (avowed) intention of putting him to death* Xn. A. 1, 1, 3.

NOTE. — Ὡσπερ *as, just as*, with the participle (as elsewhere) merely denotes comparison: as κατακείμεθα ὥσπερ ἐξὸν ἦσυχίαν ἄγειν *we lie inactive as though it were possible to take our ease* Xn. A. 3, 1, 14. Ὡσπερ πάλιν τὸν στόλον Κῦρον ποιουμένον *as if Cyrus were moving backwards on his expedition* Xn. A. 1, 3, 16. Cf. Ὡσπερ ὀργῇ ἐκέλευσε *he ordered, just as if in anger* Xn. A. 1, 5, 8.

## GENITIVE AND ACCUSATIVE ABSOLUTE

**657. Genitive Absolute.** — A substantive (noun or pronoun) and modifying participle having no grammatical

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**656, 3 a.** In Homer ὥς τε, ὥς εἰ, and ὥς αἶ τε are used with the participle with much the same meaning as ὥσπερ (or ὥς) in Attic: thus Κίρκη ἐπήξα ὥς τε κτάμεναι μενεαίνων *I sprang upon Circe as if I meant to slay her* κ 322. ὀλοφῦρόμενοι ὥς εἰ θανατόνδε κίοντα *bewailing him as though he were going to death* Ω 327.



connection with the rest of the sentence stand in the Genitive Absolute (§ 369): as ἀνέβη ἐπὶ τὰ ὄρη οὐδενὸς κωλύοντος *he went up on the mountains, no one hindering* Xn. A. 1, 2, 22. σπεισαμένου Κύρου ἐπίστευε μηδὲν ἂν παρὰ τὰς σπονδὰς παθεῖν *when Cyrus made a treaty [an enemy] was confident that he should experience nothing contrary to its terms* Xn. A. 1, 9, 8.

1. The genitive absolute can seldom be rendered in English by a corresponding nominative absolute; usually it must be translated like other circumstantial participles (§ 653, 1–8) by some phrase or clause which best accords with the Greek context: as ἀνέβη . . . οὐδενὸς κωλύοντος *he went up, since no one hindered, or without opposition* Xn. A. 1, 2, 22. κακῶς γὰρ τῶν ἡμετέρων ἐχόντων, πάντες οὗτοι . . . βάρβαροι πολεμιώτεροι ἡμῖν ἔσονται *for if our mutual relations are unpleasant, all these barbarians will be more hostile to us* Xn. A. 1, 5, 16. οὐδὲ μὴν βοηθήσαι, πολλῶν ὄντων πέραν, οὐδεὶς αὐτοῖς δυνήσεται λελυμένης τῆς γεφύρας *moreover, though there be many on the opposite bank, not a single soul will be able to come to their aid if the bridge is destroyed* Xn. A. 2, 4, 20.

NOTE 1.—**Substantive not Expressed.**—The substantive in the genitive absolute sometimes is not expressed when it can be easily supplied from the context (cf. § 305): as ἐντεῦθεν προΐόντων ἐφαίνετο ἵχνη ἵππων *as they (i.e. the Greeks) were proceeding from that place, there appeared the tracks of horses* Xn. A. 1, 6, 1. οὕτω δ' ἐχόντων *since (the above-mentioned) things are so* Xn. A. 3, 2, 10. ὕοντος *while it was raining* (cf. § 305) Xn. Hell. 1, 1, 16.

NOTE 2.—The genitive absolute is sometimes employed when its use is not strictly logical: as ἐκ δὲ τούτου θάπτον προΐόντων . . . δρόμος ἐγένετο τοῖς στρατιώταις *thereupon, as the soldiers advanced faster and faster, they fell to running* Xn. A. 1, 2, 17. διαβεβηκότος ἤδη Περικλέους . . . ἡγγέλθη αὐτῷ . . . *when Pericles had already crossed over, the news was brought to him* Th. 1, 111 (cf. also § 661, note 4).



**658. Accusative Absolute.** — The participle of an imper-  
sonal verb having no grammatical connection with the  
 main construction of the sentence stands in the Accusa-  
 tive Absolute (§ 343): as ἀλλὰ τί δὴ, ὑμᾶς ἐξὸν ἀπολέσαι,  
 οὐκ ἐπὶ τοῦτο ἤλθομεν *but why, when it was in our power to*  
*destroy you, did we not proceed to do so?* Xn. A. 2, 5, 22.  
 οἷτινές σε οὐχὶ ἐσώσαμεν οὐδὲ σὺ σαυτὸν, οἷόν τε δὲ καὶ  
 δυνατόν *for we did not save you, nor did you save yourself,*  
*although it was possible and practicable* Pl. Crit. 46 a.  
 δηλον γὰρ ὅτι οἶσθα, μέλον γέ σοι *for of course you know,*  
*since it is a matter of interest to you* Pl. Ap. 24 d.

NOTE. — After ὥς or ὥσπερ (§ 656, 3, and note) the accusative  
 absolute is sometimes found where we should expect the genitive: thus  
 τοὺς υἱεῖς οἱ πατέρες . . . ἀπὸ τῶν πονηρῶν ἀνθρώπων εἰργουσι, ὥς τὴν  
 μὲν τῶν χρηστῶν ὁμιλιᾷν ἄσκησιν οὖσαν τῆς ἀρετῆς *fathers keep their*  
*sons away from base men with the idea that association with the good is a*  
*training in virtue* Xn. Mem. 1, 2, 20. Rarely without a preceding ὥς or  
 ὥσπερ: as δόξαντα δὲ ταῦτα *but when this had been decided on* Xn.  
 Hell. 3, 2, 19.

## C. THE SUPPLEMENTARY PARTICIPLE

**659.** The circumstantial participle sometimes forms an  
 essential part of the predicate, which, without it, would  
 hardly be complete. A participle so used is called Sup-  
 plementary. Verbs whose meaning is of a general nature  
 may take a supplementary participle to define a particular  
 thing to which their action relates.

The supplementary participle may belong either to the  
 subject or the object, — as shown by its agreement (§ 648).

### I. THE SUPPLEMENTARY PARTICIPLE NOT IN INDIRECT DISCOURSE

**660.** The supplementary participle may be used with  
 words meaning *begin, continue, endure, cease, happen, escape*

*notice, anticipate, and the like*: ἄρχεται ἀπολείπουσα it [the soul] *begins to leave* Xn. Cy. 8, 7, 26. μαχόμενοι διετέλεσαν *they continued fighting* (i.e. “fought continuously”) Xn. A. 4, 3, 2. οὐποτε ἐπαυόμην ἡμᾶς μὲν οἰκτίρων *I never ceased pitying ourselves* Xn. A. 3, 1, 19.

NOTE. — With some verbs, especially τυγχάνω (poetic κυρῶ) *happen*, λανθάνω *escape notice*, φθάνω *anticipate*, the supplementary participle is often best rendered in English by a finite verb, while the finite Greek verb is translated as an adverbial modifier: thus παρὼν ἐτύγχανε *he was by chance present, or he happened to be present* Xn. A. 1, 1, 2. τρεφόμενον ἐλάνθανεν αὐτῷ τὸ στράτευμα *the army was secretly supported for him* (lit. *escaped notice being supported*) Xn. A. 1, 1, 9. φθάνουσιν ἐπὶ τῷ ἄκρῳ γενόμενοι τοὺς πολεμίους *they reached the height before the enemy* (lit. *they anticipated the enemy in reaching the height*) Xn. A. 3, 4, 49. So likewise δηλὸς ἦν ἀνιώμενος *he was evidently disturbed* Xn. A. 1, 2, 11 (§ 634).

1. Verbs expressing emotion (*vexation, anger, trouble, shame, joy, displeasure, or disgust, and the like*) may be supplemented by a participle implying the *cause* (§ 653, 4): thus ἡδομαι . . . ἀκούων σου φρονίμους λόγους *I am pleased at hearing sensible remarks from you* Xn. A. 2, 5, 16. ἐλεγχόμενοι ἤχθοντο *they were vexed at being exposed* Xn. Mem. 1, 2, 47. οὔτε νῦν μοι μεταμέλει οὕτως ἀπολογησάμενφ *and I do not now repent of having made* (i.e. “because I made”) *such a defense* Pl. Ap. 38 c. καὶ τοῦτο μὲν οὐκ αἰσχύνομαι λέγων *and I am not ashamed to say this* Xn. Cy. 5, 1, 21.

NOTE. — With some of the verbs which take the supplementary participle the infinitive may also be used, but commonly with a difference of meaning (cf. § 661 note 3), — the participle implying that the action takes place, while the infinitive implies that it has not yet taken place (and perhaps never will occur): thus αἰσχύνομαι (or αἰδοῦμαι) λέγων *I am ashamed to say* (what I am saying), αἰσχύνομαι λέγειν *I am ashamed to say* (and so shall not say).

## II. THE PARTICIPLE IN INDIRECT DISCOURSE

661. When the participle is used in indirect discourse (after words meaning *know, perceive, hear, remember, forget, appear, announce*, etc., § 660, 3) each tense represents the same tense of the indicative or optative of the direct discourse (§ 551), the present representing also the imperfect indicative, and the perfect the pluperfect indicative. If ἄν was used in the direct discourse, it is retained also in the indirect (§ 439).

(The participle may belong either to the subject or object, — as shown by its agreement, § 648): thus οὐ γὰρ ᾔδεσαν αὐτὸν τεθνηκότα *for they did not know that he was dead* (i.e. τέθνηκεν) Xn. A. 1, 10, 16. ἤκουσε Κῦρον ἐν Κιλικίᾳ ὄντα *he heard that Cyrus was in Cilicia* (i.e. ἐστι) Xn. A. 1, 4, 5. ἴσθι μέντοι ἀνόητος ὢν *know, however, that you are a fool* (i.e. ἀνόητος εἶ) Xn. A. 2, 1, 13. αὐτῷ Κῦρον ἐπιστρατεύοντα πρῶτος ἡγγεῖλα *I was the first to announce to him that Cyrus was marching against him* (i.e. ἐπιστρατεύει) Xn. A. 2, 3, 19. ἐπιβουλεύων ἡμῖν φανερός ἐστιν *he is plainly plotting against us* (i.e. ἐπιβουλεύει, cf. § 634) Xn. A. 3, 2, 20. εὕρισκω δὲ ὧδε ἂν γινόμενα ταῦτα εἰ λάβοις τὴν ἐμὴν σκευήν *I find that this would thus come to pass if you should take my garments* (i.e. γίνοιτο ἄν) Hdt. 7, 15. (Other examples in § 551 and § 671.)

NOTE 1. — The participle in indirect discourse is plainly, in origin, a circumstantial participle. Thus such a sentence as ἔγνων γὰρ μιν . . . οἰωνὸν ἔόντα *for I knew him being, as he was, a bird of omen* ο 532 (in which μιν is the object of ἔγνων, and ἔόντα a circumstantial participle agreeing with μιν), soon came to be felt to mean “I knew the *fact* of his being (i.e. that he was) a bird of omen.” With this meaning established it is but a slight step to such expressions as ἡμεῖς ἀδύνατοι ὁρῶμεν ὄντες *we see that we are unable* (“being unable, we see that fact”), where the participle may truly be said to represent ἔσμεν.

Hence it cannot always be determined with certainty whether a participle is, or is not, in indirect discourse, but the context will usually decide. With some verbs (*ἀκούω* *hear*, *πυνθάνομαι*, *perceive*) the participle in indirect discourse is regularly in the accusative, while the ordinary participle with these verbs stands in the genitive: as *ὡς ἐπύθοντο τῆς Πύλου κατειλημμένης* *when they heard of the capture of Pylus* Th. 4, 6. *ὅτι πύθοιτο . . . τὸ Πλημμύριον . . . ἐάλωκός* *that he had heard that Plemmyrium had been captured* Th. 7, 31.

NOTE 2. — **Construction with σύνοιδα.** — When *σύνοιδα* or *συγγινώσκω* *be conscious* is used with a reflexive pronoun the participle may be either nominative, agreeing with the subject, or dative, agreeing with the reflexive pronoun: as *ἐγὼ γὰρ δὴ οὐτε μέγα οὐτε σμικρὸν ξύνοιδα ἑμαυτῷ σοφὸς ὢν* *for I am not conscious to myself of being wise in either great or small degree* Pl. *Ap.* 21 b. *ἑμαυτῷ γὰρ ξυνήδη οὐδὲν ἐπισταμένῳ* *for I was conscious to myself of possessing no knowledge* Pl. *Ap.* 22 d.

NOTE 3. — **Infinitive instead of Participle.** — Some of the verbs which regularly have the participle in indirect discourse (§ 661) are used also with the infinitive with little, if any, difference of meaning (cf. § 660, 1 note): as *ἀκούω δὲ καὶ ἄλλα ἔθνη πολλὰ τοιαῦτα εἶναι* *I hear that there are also many other such nations* Xn. *A.* 2, 5, 13. *φαίνομαι* *appear* with the participle usually means *to appear to be* (what one is), and with the infinitive *to appear to be* (what one perhaps is not): as *εὖνοος ἐφαίνετο ἑὼν* *he was plainly well-disposed* Hdt. 7, 173. *κλαίειν ἐφαίνετο* *he appeared to be weeping* (but really was not) Xn. *Sym.* 1, 15.

(But when with these verbs an object infinitive (§ 638) is used, the meaning is of course different (cf. § 660, 1, note) as *μάθον ἔμμεναι ἐσθλός* *I have learned to be brave* Z 441. *μηνήσθω ἀνὴρ ἀγαθὸς εἶναι* *let him remember to be a brave man* Xn. *A.* 3, 2, 39.)

NOTE 4. — **ὡς with the Participle in Indirect Discourse.** — With the participle in indirect discourse *ὡς* *as* may be used with the same meaning as with any circumstantial participle (§ 656, 3), but it is often hard to render in English: thus *δῆλος ἦν Κύρος ὡς σπεύδων* *Cyrus made it evident that he was in haste* Xn. *A.* 1, 5, 9 (but *δῆλος ἦν σπεύδων* *was evidently in haste*). So the genitive absolute with *ὡς* is sometimes used as a practical equivalent of the participle in indirect discourse (sometimes even with verbs which could not take such a participle, cf. § 657, note 2): as *ὡς πολέμου ὄντος παρ' ὑμῶν ἀπαγγελῶ*; *shall I report from you (on the assumption) that there is war?* Xn. *A.* 2, 1, 21.

ὥς ἐμοῦ οὖν ἰόντος ὅπῃ ἂν καὶ ὑμεῖς, οὕτω τὴν γνώμην ἔχετε (*on the assumption*) *that I am going wherever you go you can make up your minds* (i.e. "be sure that I am going wherever you go") Xn. A. 1, 3, 6.

**662. Ἄν with the Participle.** — The adverb ἄν may be used with the participle, not in indirect discourse, to give it a potential meaning (cf. § 436): thus εἰς δὲ τὸ πόλισμα ἂν γενόμενον οὐκ ἐβούλοντο στρατοπεδεύεσθαι *but the soldiers were unwilling to encamp on ground which might be made a city* (i.e. ὁ ἂν γένοιτο § 563) Xn. A. 6, 4, 7. ῥᾷδίως ἂν ἀφεθείς . . . προείλετο μάλλον τοῖς νόμοις ἐμμένων ἀποθανεῖν *although he might easily have been acquitted, he preferred to abide by the laws and be put to death* (i.e. ἀφέθη ἄν, § 565) Xn. Mem. 4, 4, 4. αἰτεῖ αὐτὸν εἰς δισχίλιους ξένους . . . ὥς οὕτω περιγεγόμενος ἂν τῶν ἀντιστασιωτῶν *he asked him for two thousand mercenaries on the ground that he could thus get the better of his opponents* Xn. A. 1, 1, 10.

## THE VERBAL ADJECTIVES

### THE VERBAL IN -τέος

**663.** The verbal adjective in -τέος, -τέᾱ, -τέον (§ 235), is passive in meaning, and expresses *necessity* (like the Latin gerundive). It is used with a copula, εἰμί (§ 307), in either a personal or an impersonal construction.

NOTE. — The copula (ἐστί, εἰσί) is often omitted (§ 308).

**664. Personal Construction.** — In the personal construction the verbal agrees with the subject in gender, number, and case: as ποταμὸς δ' εἰ μὲν τις καὶ ἄλλος ἄρα ἡμῖν ἐστι διαβατέος οὐκ οἶδα *whether we must cross any other river I*

*do not know* Xn. A. 2, 4, 6. ὠφελητέᾳ σοι ἡ πόλις ἐστίν  
*the State must be aided by you* Xn. Mem. 3, 6, 3.

**665. Impersonal Construction.** — In the impersonal construction (which is the more common) the verbal stands in the nominative neuter (usually singular, but sometimes plural), and takes an object (or cognate accusative) in the same case which would follow any other form of the same verb: thus τὴν πόλιν ὠφελητέον *the State must be aided* Xn. Mem. 2, 1, 28. τῶν βοσκημάτων ἐπιμελητέον *the flocks and herds must be taken care of* Xn. Mem. 2, 1, 28. πορευτέον δ' ἡμῖν τοὺς πρώτους σταθμοὺς ὥς ἂν δυνώμεθα μακροτάτους *we must make the first days' marches as long as we can* Xn. A. 2, 2, 12. οὓς οὐ παραδοτέα τοῖς Ἀθηναίοις ἐστίν *who must not be surrendered to the Athenians* Th. 1, 86.

NOTE. — Observe that verbals of intransitive verbs can be used in the impersonal construction only.

**666. Agent with Verbals in -τέος.** — The agent (i.e. the person on whom the necessity rests) with verbals in -τέος stands regularly in the dative case (§ 380).

NOTE. — The *accusative* of the agent is sometimes found with the impersonal construction (§ 665). It seems to denote rather the person to whom the necessity extends rather than on whom it rests: as οὐδενὶ τρόπῳ φαμέν ἐκόντας ἀδικητέον εἶναι; *do we say that it in no way devolves on us to do wrong willingly?* Pl. Crit. 49 a.

#### THE VERBAL IN -ΤΟΣ

**667.** The verbal adjective in -τός, -τή, -τόν (§ 235, 2), denotes both what *has been done* and (more often) what *may be done*: as ἀρ' οὖν βιωτὸν ἡμῖν ἐστι; *is life endurable for us?* Pl. Crit. 47 e.

Many verbals in -τός have acquired an independent existence as adjectives, as θαυμαστός (*admired, admirable*) *wonderful*.



## INDIRECT DISCOURSE

(Oratio Obliqua)

**668.** A direct quotation repeats the exact words of the speaker: as *Καὶ ταῦτ', ἔφη, ποιήσω* "This, too, I will do," said he; *τί ποιήσωμεν, λέγετε* "What shall we do?" you say.

An indirect quotation adapts the words of the speaker to the construction of the sentence in which they stand: as *ἔφη καὶ ταῦτα ποιήσειν* he said that he would do this also, *ῥωτήσατε ὅ τι ποιήσατε* you asked what you should do.

**669.** Indirect discourse is introduced by some word or expression meaning *say, know, think, perceive*, and the like (*verba sentiendi et declarandi*).

1. Of the three common verbs meaning *say*, when used to introduce indirect discourse

*φημί* is followed by the infinitive,

*εἶπον* is followed by *ὅτι* or *ὥς* with a finite verb,

*λέγω* admits either construction, but in the active voice it is more often followed by *ὅτι* or *ὥς* and a finite verb.

NOTE. — When *εἶπον* is used with the infinitive it regularly means *command, order, advise*: thus *εἶπε . . . στρατηγούς μὲν ἐλέσθαι ἄλλους* he advised them to choose other generals Xn. A. 1, 3, 14.

2. Most verbs meaning *think* or *believe* (*νομίζω, οἶμαι, ἡγοῦμαι, δοκῶ* *seem*, and the like) are followed by the infinitive.

3. Most verbs meaning *know, perceive, hear* (*οἶδα, αἰσθάνομαι, ἀκούω*, also *ἀγγέλλω* *announce, δηλός εἰμι* *be evident*,

**669, 1 a.** Homer sometimes uses simple *ὅ* (Attic *ὅτι*) meaning *that*.

b. In poetry *οὐνεκα* and *ὁθούνεκα* (lit. *wherefore*) are sometimes used to mean *that*.

verb of emotion - past tense  
think - infinitive



and the like) are more frequently followed by the participle (§ 661), but any of them may take *ὅτι* or *ὥς* with a finite mode, and some of them may take the infinitive (§ 646) with little, if any, difference of meaning (cf. roughly in English “I know of its being good,” “I know that it is good,” “I know it to be good”).

For the future infinitive after verbs of *promising, hoping*, and the like, see § 549, 2.

## GENERAL PRINCIPLES OF INDIRECT DISCOURSE

**670.** In changing from direct to indirect discourse, the *MODE* may be changed, but *not* the *TENSE*.

1. Verbs may be changed to the optative only after a *secondary* tense (§ 517). Only a *principal* verb of the direct discourse may be changed to the infinitive or participle (§ 671).

2. If the adverb *ἄν* (§§ 436–439) was used in the direct discourse, it is retained also in the indirect, except when a dependent subjunctive with *ἄν* is changed to the optative after a secondary tense (§ 439).

3. The same negative (*οὐ* or *μή*) which stood in the direct discourse is retained in the indirect (§ 431, 2).

## PRINCIPLES OF INDIRECT DISCOURSE (IN DETAIL)

### THE INFINITIVE AND PARTICIPLE

**671.** After a word which takes the infinitive or participle (§ 669, 2–3) the principal verb in indirect discourse is changed to the infinitive or participle of the *same tense*, the present including also the imperfect, and the perfect the

pluperfect (see § 551). If ἄν was used in the direct discourse, it is retained also in the indirect: thus ἀπιέναι φησὶν *he says he is going away* (i.e. ἄπειμι *I am going away*) Xn. A. 2, 2, 1. ἔφη βούλεσθαι ἐλθεῖν *he said that he wanted to go* (i.e. βούλομαι ἐλθεῖν *I want to go*) Xn. A. 1, 3, 20. οὐ μεμνήσεσθαί σε φασιν *they say you will not remember* (i.e. οὐ μεμνήσῃ *you will not remember*) Xn. A. 1, 7, 5. οὐ γὰρ ᾔδεσαν αὐτὸν τεθνηκότα *for they did not know that he was dead* (i.e. τέθνηκεν *he is dead*) Xn. A. 1, 10, 16. σὺν ὑμῖν μὲν ἂν οἶμαι εἶναι τίμιος *in your company I think I should be honored* (i.e. εἶην ἂν *I should be*) Xn. A. 1, 3, 6. ὁρῶ δὲ καὶ σοὶ τούτων δεήσον *and I see that you, too, will have need of these* (i.e. δεήσει *there will be need*) Xn. Mem. 2, 6, 29.

NOTE. — Sometimes a relative or temporal clause is felt to be of equal importance with the principal clause, and so has the infinitive where we might expect a finite mode: as . . . ὅτι πολλοὺς φαίη Ἀριαῖος εἶναι Πέρσας ἑαυτοῦ βελτίους, οἷς οὐκ ἂν ἀνασχέσθαι αὐτοῦ βασιλεύοντος *that Ariæus said there were many Persians better than himself, who would not endure his being king* Xn. A. 2, 2, 1.

672. After a primary tense (§ 517) all verbs of indirect discourse, unless changed to the infinitive or participle (according to § 671), are retained (with change of person, if necessary) in the mode and tense of the direct discourse: thus λέγει δ' ὡς ὑβριστὴς εἰμι *he says that I am an insolent person* (i.e. ὑβριστὴς εἶ *you are an insolent person*) Lys. 24, 15. οὐκ οἶδα ὅ τι ἂν τις χρήσαιτο αὐτοῖς *I don't know what use anybody could make of them* (i.e. τί ἂν τις χρήσαιτο *what use could anybody make?*) Xn. A. 3, 1, 40. βουλεύομαι γε ὅπως σε ἀποδρῶ *I am planning how I can run away from you* (i.e. πῶς σε ἀποδρῶ; *how shall I run away*, deliberative subjunctive, § 577) Xn. Cy. 1, 4, 13.

## OPTATIVE

**673.** After a secondary tense (§ 517) any indicative not changed to the infinitive or participle (§ 671), or any subjunctive of the direct discourse, may be changed to optative of the *same tense*, unless the change would cause ambiguity: thus (OPTATIVE FOR THE INDICATIVE) ἀπήγγελλεν ὅτι σπένδοιτο *he announced that he made a truce* (i.e. σπένδομαι *I make a truce*) Xn. A. 2, 3, 9. τοῖς δὲ ὑποψιά μὲν ἦν ὅτι ἄγοι πρὸς βασιλέᾱ *the others had a suspicion that he was leading them against the King* (i.e. ἄγει *is leading*) Xn. A. 1, 3, 21. ἔλεγεν ὅτι ἡ ὁδὸς ἔσοιτο πρὸς βασιλέᾱ μέγαν *he said that the advance would be against the great King* (i.e. ἔσται *will be*) Xn. A. 1, 4, 11. εἶπεν ὅτι Δέξιππον μὲν οὐκ ἐπαινοίη εἰ ταῦτα πεποιηκὼς εἴη *he said that he did not approve Dexippus if he had done this* (i.e. οὐκ ἐπαινῶ, εἰ πεποίηκε *I do not approve if he has done this*) Xn. A. 6, 6, 25.

OPTATIVE FOR A DEPENDENT SUBJUNCTIVE (ἂν disappearing, § 670, 2) ἡγείτο γὰρ ἅπαν ποιήσιν αὐτὸν, εἴ τις ἀργύριον διδοίη *for he thought that [Theognis] would do anything, if anybody offered him money* (i.e. εἰ ἂν τις διδῶ *if anybody offers*) Lys. 12, 14. ὥμοσεν Ἀγεσιλάῳ εἰ σπείσαιτο ἕως ἔλθοιεν οὓς πέμψειε πρὸς βασιλέᾱ ἀγγέλους, διαπράξεσθαι, κ.τ.λ. *he swore to Agesilaus that if he would make a truce until the messengers that he should send to the King should arrive, he would bring it about, etc.* (i.e. εἰ ἂν σπείσῃ ἕως ἂν ἔλθωσιν οὓς ἂν πέμψω *if you will make a truce until the messengers that I send arrive*) Xn. Ages. 1, 10.

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**673 a.** In Homer the use of the optative in indirect discourse is practically unknown, except sometimes in indirect questions. See § 676 a.

**Indirect Questions. — OPTATIVE FOR THE INDICATIVE.**

— ἤρετο . . . εἴ τις ἐμοῦ εἶη σοφώτερος *he asked whether there was anybody wiser than I* (i.e. ἔστι τις *is there anybody?*) Pl. *Ap.* 21 a. ἠρώτησεν εἰ ἤδη ἀποκεκριμένοι εἶεν *he asked if they had already given their answer* (i.e. ἀποκρίσθε *have you given your answer?*) Xn. *A.* 2, 1, 15.

**OPTATIVE FOR THE (DELIBERATIVE) SUBJUNCTIVE. —**

ἐβουλεύετο . . . εἰ πέμποιέν τινας ἢ πάντες ἴοιεν *he deliberated whether they should send some, or whether all should go* (i.e. πότερον πέμπωμεν . . . ἢ ἴωμεν *had we better send or go?*) Xn. *A.* 1, 10, 5.

**674.** The change to the optative mode after a secondary tense (§ 673) is never obligatory, and, for the sake of vividness, an indirect quotation of this sort can always be expressed in the mode employed by the original speaker. Not infrequently both forms of quotation are found in the same sentence : as οὔτοι ἔλεγον ὅτι Κῦρος μὲν τέθνηκεν, Ἀριαῖος δὲ πεφευγὼς ἐν τῷ σταθμῷ εἶη *these said that Cyrus was dead, and that Ariaeus had fled, and was at the halting place* Xn. *A.* 2, 1, 3.

**675.** In order to avoid ambiguity (§ 673), the following forms of expression are not changed to the optative after a secondary tense :

1. The imperfect and pluperfect indicative are seldom changed to the optative in indirect discourse, since if they were changed to the present and perfect optative respectively, it could not be told that they did not represent the present or perfect indicative or subjunctive of the direct discourse: thus εἶχε γὰρ λέγειν καὶ ὅτι μόνοι τῶν Ἑλλήνων βασιλεῖ συνεμάχοντο ἐν Πλαταιαῖς, καὶ ὅτι ὕστερον οὐδεπώποτε στρατεύσαιντο ἐπὶ βασιλεῶν *for he was able to say that they alone of the Greeks had fought on the*

side of the King at Plataeae, and that never since then had they made a hostile move against him (observe that the imperfect, *συνεμάχοντο* for *συνεμαχόμεθα* of the direct discourse, remains unchanged, while the aorist, *στρατεύσαιτο* for *έστρατευσάμεθα*, is changed to the optative) Xn. *Hell.* 7, 1, 34.

NOTE. — Rarely, when no possible ambiguity could arise, an imperfect indicative is changed to the present optative (§ 673): as *έλεγον ότι κατίδοιεν στράτευμα, καὶ νύκτωρ πολλὰ πυρὰ φαίνοιτο* they said that they had caught sight of an army, and that at night many watchfires had been visible (i.e. *κατείδομεν* we caught sight of, aorist, and *έφαίνετο* were visible, imperfect) Xn. *A.* 4, 4, 9. Still more rare is the use of the perfect optative to represent the pluperfect indicative.

2. The potential indicative with *άν* (§ 565) cannot be changed to the optative in indirect discourse, since then it could not be distinguished from the potential optative (§ 563): as *άπελογούντο ως ούκ άν ποτε ούτω μώροι ήσαν . . . ει ήδεσαν* they said in their defense that they should never have been so foolish if they had known (i.e. *ούκ άν ήμεν, ει ήσμεν* we should not have been, if we had known, § 606; whereas *ούκ άν είεν, ει είδείεν* would represent *ούκ άν είμεν, ει είδείμεν* we should not be, if we should know, § 605) Xn. *Hell.* 5, 4, 22.

3. The aorist indicative in a subordinate clause is not changed in indirect discourse, since if it were changed to the aorist optative, the optative might be thought to represent an aorist subjunctive of the direct discourse: thus *έλεγον ως ό Ξενοφών οίχοιτο ως Σεύθην . . . ά ύπέσχετο αύτῷ ληφόμενος* they said that Xenophon had gone to Seuthes to receive what he had promised him (the optative *ύπόσχοιτο* would mean *what he might promise him*, representing *ά άν ύπόσχηται* (§ 673) of the direct discourse) Xn. *A.* 7, 7, 55.

**676. Inserted Statements of Fact.** — Statements or explanations of fact in the indicative mode may be inserted by the writer, even though the rest of the sentence stands in indirect discourse: as ἐκέλευσε σὺν αὐτῷ στρατεύεσθαι, ὑποσχόμενος αὐτοῖς, εἰ καλῶς καταπράξειεν ἐφ' ᾧ ἐστρατεύετο, μὴ πρόσθεν παύσεσθαι πρὶν, κτλ. *he bade them join his expedition, promising them that if he should successfully accomplish the object for which (as I say) he was making the expedition, not to stop until, etc.* Xn. A. 1. 2. 2. ἐν πολλῇ δὴ ἀπορίᾳ ἦσαν οἱ Ἕλληνες, ἐννοούμενοι μὲν ὅτι ἐπὶ ταῖς βασιλέως θύραις ἦσαν *the Greeks were naturally in great perplexity, reflecting on the fact that they were (as I say) at the King's gates* Xn. A. 3. 1, 2.

**677. Implied Indirect Discourse.** — In Greek (as in Latin) a clause expressing the thought of another person may take the construction of indirect discourse (i.e. the optative after a secondary tense) although not formally introduced by any words of *saying, thinking, or the like*: οἱ δ' ὥκτιρον εἰ ἀλώσονται *others pitied them if they should be captured* (i.e. εἰ ἀλώσονται *if they are going to be captured*) Xn. A. 1. 4. 7. ἐστρατεύσαμεν δὲ ἐπ' αὐτὸν ὡς . . . ἀποκτενοῦντες, εἰ δυναίμεθα *but we have proceeded against him with the avowed intention of killing him if we could* (i.e. εἰδὲν δυναίμεθα *if we can*) Xn. A. 3. 1. 17. σπονδὰς ἐποίησαντο, ἕως ἀπαγγελθείη τὰ λεχθέντα *they made a*

**676 a.** In Homer, where the use of the optative in indirect discourse after a secondary tense is practically unknown (except sometimes in indirect questions), facts are regularly stated from the point of view of the speaker, and it is left to be inferred that they may have been at the same time the thought of another: as γίγνωσκον ὃ δὴ κακὰ μῆδετο δαίμων *I knew some power was planning ill* (Attic ἐγίγνωσκον ὅτι κακὰ μῆδοιτο, or μῆδεται) γ 166. ἦδεε γὰρ κατὰ θυμὸν ἀδελφεὸν ὡς ἐπονεῖτο *for he knew in his heart full well how his brother was toiling* B 409.



*truce* (which they agreed should last) *until what had been said should be reported* (i.e. ἕως ἂν ἀπαγγελεθῇ *until it is reported*) Xn. *Hell.* 3, 2, 20. ✱

It is on this principle that the optative is used in final clauses dependent on a secondary tense (§§ 590–594).

## SUMMARY OF THE USAGE OF INDIRECT DISCOURSE

**678.** For the sake of completeness for reference a summary of the regular usages of indirect discourse is here given:

### OPTATIVE (after secondary tenses)<sup>1</sup>

IN INDIRECT DISCOURSE	OF DIRECT DISCOURSE
Pres. opt. may represent	{ Pres. indic. (independent or dependent) { Pres. subj. w. ἄν (dependent) { Pres. (interrog.) subj. (independent)
Aorist opt. may represent	{ Aorist indic. (independent) { Aorist subj. w. ἄν (dependent) { Aorist (interrog.) subj. (independent)
Perf. opt. may represent	{ Perf. indic. (independent or dependent) { Perf. subj. w. ἄν (dependent) { Perf. (interrog.) subj. (independent)
Fut. opt. represents	Fut. indic. (independent or dependent)

### INFINITIVE AND PARTICIPLE

IN INDIRECT DISCOURSE	OF DIRECT DISCOURSE
Pres. infin. or partic.	= { Pres. indic. (independent) or { Imperf. indic. (independent)
Pres. infin. or partic. w. ἄν	= { Pres. opt. w. ἄν (independent) or { Imperf. indic. w. ἄν (independent)

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<sup>1</sup> Any optative with ἄν is unchanged from the direct discourse (in which it was originally independent, § 563).



IN INDIRECT DISCOURSE	OF DIRECT DISCOURSE
⌊Aorist infin. or partic.	= Aorist indic. (independent)
Aorist infin. or partic. w. $\alpha\nu$	= { Aorist indic. w. $\alpha\nu$ (independent) or Aorist opt. w. $\alpha\nu$ (independent)
Perf. infin. or partic.	= { Perf. indic. (independent) or Pluperf. indic. (independent)
Perf. infin. or partic. w. $\alpha\nu$	= { Perf. opt. w. $\alpha\nu$ (independent) or Pluperf. indic. w. $\alpha\nu$ (independent) <sup>1</sup>
Fut. infin. or partic.	= Fut. indic. (independent)

NOTE.—The imperative is regularly represented in indirect discourse by the substantive infinitive (§ 638) dependent on a word meaning *command, order*, or the like: as ἦκειν παραγγέλλει *he bids him come* (i.e. ἦκε *come*) Xn. A. 1, 2, 1. Rarely can it be said that the imperative is changed to the infinitive in indirect discourse: as ἔλεγε θάπρειν *he told him not to be alarmed* (i.e. θάπρει *don't be alarmed*) Xn. A. 1, 3, 8.

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<sup>1</sup> Rarely.

## APPENDIX A



### VERSIFICATION.

**679.** Greek verse was dependent on the *quantities* (§§ 52–54) of the syllables, and not, like English, on word-accent or on rhyme.


**680. Kinds of Poetry.** — Greek poetry in general may be grouped under two heads: (1) that which was recited (Recitative), and (2) that which was sung (Lyric), but it should always be remembered that recited poetry was developed from poetry composed to be sung.




**NOTE. — The Doric of the Drama.** — The Lyric portions of the Attic drama, out of regard for its Doric origin, were regularly composed in a conventional Doric dialect, formed by writing  $\bar{a}$  for  $\eta$  in all words in which the Attic  $\eta$  represents an original  $\bar{a}$  (§ 15): as

ἔκλυον φωνᾶν, ἔκλυον δὲ βοᾶν  
τᾶς δυστάνου. — E. Med. 131.

**681.** Metre (*μέτρον measure*) is the measurement of verse by feet, lines, strophes, etc.

**682.** In treating of metre it is customary and convenient to employ certain arbitrary signs as follows:

1.  $\cup$  indicates a short syllable (also called a *mora*, assumed to be equal to .

2. — indicates a long syllable (= two *morae*, or .
3. ⊔ (*triseme*) indicates a long syllable prolonged to equal three *morae* (i.e. — ∪ or .
4. ⊔ (*tetraseme*) indicates a long syllable prolonged to equal four *morae* (i.e. — — or .
5. > (*irrational syllable*) indicates a long syllable used in the place where a short normally occurs.
6. ∪ indicates two short syllables used in the place where one short normally occurs: thus — ∪ (cyclic dactyl) indicates a dactyl used as an equivalent of a trochee — ∪ (§ 705); so also ∪ — (cyclic anapaest) indicates an anapaest used in iambic rhythm. (These are also written ∪ ∪ and ∪ —.)
7. || short perpendicular lines are used to indicate the divisions between the feet (§ 683).
8. || indicates the divisions between *cola* (§ 686).
9. ∧ indicates a pause at the end of a verse equal to one *mora* (∪).
10. ⋈ indicates a pause at the end of a verse equal to two *morae* (—).  
(So also ⊔ indicates a pause of three *morae*, and ⊔ of four *morae*.)
11. || standing below the line is used to indicate a caesura (§ 690).  
A comma (,) is sometimes used for the same purpose.
12. # is used to indicate a diaeresis (§ 690).
13. ∴ is used to indicate anacrusis (§ 706).

## FEET

**683.** A group of syllables having a fixed metrical form is called a foot. The most common kinds of feet are the following:

### FEET OF THREE MORAE ( $\frac{3}{2}$ time)

Trochee	— ∪		λεῖπε
Iambus	∪ —		λέγω
Tribrach	∪ ∪ ∪		λέγετε

FEET OF FOUR MORAE ( $\frac{2}{4}$  time)

Dactyl	— ∪ ∪		λείπομεν
Anapaest	∪ ∪ —		λεγέτω
Spondee	— —		λείπων

FEET OF FIVE MORAE ( $\frac{5}{8}$  time)

Cretic	— ∪ —		λειπέτω
Bacchius	∪ — —		λοιμην

FEET OF SIX MORAE ( $\frac{3}{4}$  time)

Ionic <i>a minore</i>	∪ ∪ — —		ἐλελοίπη
Ionic <i>a maiore</i>	— — ∪ ∪		λειπώμεθα
Choriambus	— ∪ ∪ —		λειπομένων

1. Many other kinds of feet<sup>1</sup> are mentioned by the ancient grammarians, but they may all be explained as variations of the forms already described (cf. § 685).

**684. Thesis and Arsis.** — That part of the foot on which the *ictus* or rhythmical accent falls is called the Thesis; the rest of the foot is called the Arsis.

**685. Substitution.** — In many kinds of verse two short syllables (∪ ∪) may be substituted for a long (—), or a long syllable may take the place of two short syllables.

NOTE. — When a long syllable in the thesis is resolved into two short (§ 685), the *ictus* properly belongs to the two, but is usually placed on the first.

<sup>1</sup> For example: Proceleusmatic ∪ ∪ ∪ ∪, First Paeon — ∪ ∪ ∪, Fourth Paeon ∪ ∪ ∪ —, Molossus — — —, etc.

## COLA

**686. Colon.** — A group of feet (never more than six) is called a Colon, or a Rhythmical Series.

1. A colon of two feet is called a Dipody, of three feet a Tripody, of four feet a Tetrapody, of five feet a Pentapody, of six feet a Hexapody.

2. But trochaic, iambic, and anapaestic rhythms are measured not by single feet but by the dipody; hence four feet of such a rhythm form a Dimeter, six feet a Trimeter, and eight feet a Tetrameter.

## THE VERSE

**687. The Verse.** — A verse is composed of one, two, or even three *cola* (§ 686), and is usually written and printed as a single line.

**688. Syllaba Anceps.** — The last syllable of any verse may be counted as long or short, as the rhythm may demand, without any regard to its actual quantity.

NOTE. — In the metrical schemes given below the existence of the *syllaba anceps* is taken for granted.

1. Hiatus (§ 42) is allowed only at the end of a verse (but cf. § 2 a).

**689. Catalexis.** — A verse in which the last foot is incomplete is said to be Catalectic (*καταληκτικός* *stopping short*). A verse in which the last foot is complete is called Acatalectic.

1. A part or the whole of the last arsis is omitted in catalexis. If the omitted arsis formed the last part of the

foot its place is filled by the pause ( $\wedge$ , § 682, 9-10); if it formed the first part of the foot its place is filled by prolonging (§ 682, 3-4) the thesis of the preceding foot: as  $| \cup \angle \angle |$  for  $| \cup - \cup - |$ .

**690. Caesura and Diaeresis.** — A Caesura (lit. cutting) occurs whenever a word ends inside a foot. A Diaeresis occurs when the end of a word coincides with the end of a foot.

1. The principal caesura or The Caesura is one which marks also a break in the sense, and which occurs repeatedly at a fixed point in the verse.

NOTE. — In antiquated language a caesura in the second foot is sometimes called *trithemimeral*, because it comes after three half-feet (*τριθ-ημι-μερής* of three half-portions), a caesura in the third foot *penthemimeral*, etc.

For the Masculine and Feminine Caesuras see § 701, note.

## STROPHE AND SYSTEM

**691. Strophe.** — A group of lyric verses recurring in fixed form is called a Strophe. An Antistrophe is a corresponding strophe immediately following. Strophe and Antistrophe are sometimes followed by an Epode (not metrically corresponding).

**692. System.** — Verses are sometimes arranged in a system, in which the *syllaba anceps* and hiatus are allowed only at the end. Such a system may be regarded as one long verse. For examples see §§ 696; 703, 2.





**696.** Trochaic rhythms are also found sometimes in systems (§ 692) ending in a catalectic dimeter; as

$$\begin{array}{l} \angle \cup \quad \text{—} \quad \cup \quad | \quad \angle \quad \cup \quad \text{—} \quad \cup \quad | \\ \tau\acute{\alpha}\upsilon\tau\alpha \quad \mu\acute{\epsilon}\nu \quad \pi\rho\acute{o}\varsigma \quad | \quad \acute{\alpha}\nu\delta\rho\acute{o}\varsigma \quad \acute{\epsilon}\sigma\tau\iota \quad | \\ \\ \angle \quad \cup \quad \text{—} \quad \cup \quad | \quad \angle \quad \quad \cup \quad \text{—} \quad > \quad | \\ \nu\acute{o}\upsilon\nu \quad \acute{\epsilon}\chi\omicron\nu\tau\omicron\varsigma \quad | \quad \kappa\alpha\iota \quad \phi\rho\acute{\epsilon}\nu\alpha\varsigma \quad \kappa\alpha\iota \quad | \\ \\ \angle \quad \cup \quad \cup \quad \cup \quad | \quad \angle \quad \cup \quad \text{—} \quad \wedge \\ \pi\omicron\lambda\lambda\acute{\alpha} \quad \pi\epsilon\rho\iota\pi\epsilon \quad | \quad \pi\lambda\epsilon\nu\kappa\acute{o}\tau\omicron\varsigma.^1 \end{array}$$

For lyric trochaic rhythms see § 707, 2.

## IAMBIC RHYTHMS

(Cf. § 706, note)

**697.** Iambic rhythms are usually measured by dipodies (§ 686, 2) consisting of two iambs  $| \cup \angle \cup \text{—} |$ , and they admit the irrational syllable ( $>$ , § 682, 5) in the first foot of any dipody. Moreover, two shorts may be substituted (§ 685) for the long syllable of the iambus in any foot except the final foot of the verse.

**698. Iambic Trimeter.** — The most common iambic rhythm (used by the line) is the iambic trimeter. The iambic trimeter of tragedy is metrically much more strict than that of comedy, and, although the irrational syllable is frequent, the resolution of the long syllable (§ 697) is comparatively infrequent. In comedy, however, not only are resolutions numerous, but an anapaest (cyclic, § 682, 6) may stand in place of the iambus in any foot except the last, and the apparent dactyl ( $> \cup \cup$ ) may stand in the fifth foot as well as in the first and third.

The principal caesura usually comes in the third foot.

<sup>1</sup> Ar. *Ran.* 534–6.

The scheme of iambic trimeter (showing all possible variations) is as follows:

Tragic	$\left\{ \begin{array}{l} \cup \quad \diagup \quad \cup \quad - \quad \cup \\ \cup \quad \diagdown \quad \cup \quad \cup \quad \cup \\ > \quad \diagup \\ > \quad \diagdown \quad \cup \\ \cup \quad \diagup \end{array} \right. \quad \left  \quad \begin{array}{l} \cup \quad \diagup \quad \cup \quad - \quad \cup \\ \cup \quad \diagdown \quad \cup \quad \cup \quad \cup \\ > \quad \diagup \\ > \quad \diagdown \quad \cup \end{array} \quad \right  \quad \left\{ \begin{array}{l} \cup \quad \diagup \quad \cup \quad - \\ \cup \quad \diagdown \quad \cup \\ > \quad \diagup \end{array} \right.$
Comedy allows also	$\left\{ \begin{array}{l} \cup \quad \diagup \quad \cup \quad - \quad \cup \\ \cup \quad \diagdown \quad \cup \quad \cup \quad \cup \\ > \quad \diagup \quad \cup \quad \diagdown \end{array} \right. \quad \left  \quad \begin{array}{l} \cup \quad \diagup \quad \cup \quad - \quad \cup \\ \cup \quad \diagdown \quad \cup \quad \cup \quad \cup \\ > \quad \diagup \quad \cup \quad \diagdown \end{array} \quad \right  \quad \left\{ \begin{array}{l} > \quad \diagup \quad \cup \quad \diagdown \\ \cup \quad \diagdown \end{array} \right.$

NOTE. — In proper names the tragedians sometimes allow the cyclic anapaest (§ 682, 6) in other feet than the first.

Examples of iambic trimeter are :

Tragic	$\left\{ \begin{array}{l} > \quad \diagdown \quad \cup \quad - \quad \cup \quad   > \quad \diagdown \quad \cup \quad - \quad > \quad \diagdown \quad \cup \quad - \\ \epsilon\acute{\iota}\theta' \quad \omega\phi\epsilon\lambda' \quad \text{'Αρ}   \gamma\omicron\upsilon\varsigma \quad \mu\eta \quad \text{δια}   \pi\tau\acute{\alpha}\sigma\theta\alpha\iota \quad \sigma\kappa\acute{\alpha}\phi\omicron\varsigma \\ > \quad \diagdown \quad \cup \quad - \quad > \quad \parallel \quad \diagdown \quad \cup \quad \cup \quad - \quad   > \quad \diagdown \quad \cup \quad - \\ \text{Κόλ} \chi\omega\upsilon\omicron\upsilon \quad \epsilon\varsigma \quad \alpha\acute{\iota}\alpha\iota\upsilon \quad \kappa\upsilon\alpha\gamma\acute{\epsilon}\alpha\varsigma \quad   \quad \Sigma\upsilon\mu\pi\lambda\eta\gamma\acute{\alpha}\delta\alpha\varsigma.^1 \end{array} \right.$
Comic	$\left\{ \begin{array}{l} > \quad \diagdown \quad \cup \quad - \quad \cup \quad   \cup \quad \diagdown \quad \cup \quad - \quad   > \quad \diagdown \quad \cup \quad - \\ \text{'Ω} \quad \text{Ζεϋ} \quad \beta\alpha\sigma\iota\lambda\epsilon\upsilon \quad \cdot \quad \tau\acute{o} \quad \chi\rho\eta\mu\alpha \quad \tau\acute{\omega}\nu \quad   \quad \nu\kappa\tau\acute{\omega}\nu \quad \omicron\sigma\omicron\nu \\ \cup \quad \diagdown \quad \cup \quad - \quad \cup \quad   \cup \quad \diagdown \quad \cup \quad - \quad   \cup \quad \diagdown \quad \cup \quad - \\ \text{'Απ} \acute{\epsilon}\rho\alpha\nu\tau\omicron\nu \quad \cdot \quad \omicron\iota \quad \delta\acute{\iota}\pi\omicron\theta' \quad \eta\mu\acute{\epsilon}\rho\alpha \quad   \quad \gamma\epsilon\eta\acute{\eta}\sigma\epsilon\tau\alpha\iota \quad ; \\ \cup \quad \diagdown \quad \cup \quad - \quad \cup \quad   > \quad \diagdown \quad \cup \quad \cup \quad - \quad   > \quad \diagdown \quad \cup \quad - \\ \text{'Απ} \acute{o}\lambda\omicron\iota\omicron \quad \delta\eta\tau' \quad , \quad   \quad \omega \quad \pi\acute{o}\lambda\epsilon\mu\epsilon, \quad \pi\omicron\lambda \quad   \lambda\acute{\omega}\nu \quad \omicron\upsilon\eta\kappa\alpha.^2 \end{array} \right.$

“Which, like a wounded snake, drags its slow length along.”

NOTE. — The Choliambus, or “limping trimeter” (σχαζών) has a spondee instead of an iambus in the last foot.

**699. Iambic Tetrameter Catalectic.** — The iambic tetrameter catalectic, consisting of two *cola* (§ 686), is often used in comedy. Its scheme

$$\cup \quad \diagdown \quad \cup \quad - \quad | \quad \cup \quad \diagdown \quad \cup \quad - \quad \parallel \quad \cup \quad \diagdown \quad \cup \quad - \quad | \quad \cup \quad \diagdown \quad \cup \quad -$$

#

<sup>1</sup> E. Med. 1-2.

<sup>2</sup> Ar. Nub. 2, 3, 6.

admits the same variations as the iambic trimeter (§ 698):  
thus

$\cup \text{ } \text{—} \quad \cup \text{—} \quad   > \quad \text{—} \quad \cup \text{—} \quad   $ ἐγὼ γὰρ ἦτ'   τῶν μὲν λόγος	$\cup \text{ } \text{—} \quad \cup \text{—} \quad   \quad \cup \text{—} \quad \text{—} \quad \wedge$ δι' αὐτὸ τοῦτ'   ἐκλήθην
$> \text{—} \quad \cup \text{—} \quad   > \text{—} \quad \cup \cup \cup$ ἐν τοῖσι φρονι   τισταῖσι ὅτι	$> \text{—} \quad \cup \cup \cup   \cup \text{—} \quad \text{—} \quad \wedge$ πρῶτιστος ἐπ' ἐνόησα <sup>1</sup>
#	#

“A captain bold | of Hálifax, # who lived in coun|try quarters.”

1. Iambic rhythms are sometimes found in system (§ 692). For lyric iambic rhythms see § 707, 2.

## DACTYLIC RHYTHMS

**700.** The fundamental foot of dactylic rhythms is the dactyl ( $\text{—} \cup \cup$ ), but the spondee ( $\text{—} \text{—}$ ) may be substituted.

**701. Dactylic Hexameter.** — The hexameter is the most common dactylic rhythm. It contains six feet, of which the last is always a dactyl lacking the last syllable,  $\text{—} \cup \wedge$  (§ 689). The fifth foot is usually a dactyl, but may be a spondee, in which case the verse is called Spondaic. The other feet may be either dactyls or spondees, but dactyls predominate.

1. The principal caesura is usually in the third foot, less often after the thesis in the fourth foot (in which case there is often a corresponding caesura in the second foot). A diaeresis at the end of the fourth foot (Bucolic Diaeresis) is also very common.

**NOTE.** — **Masculine and Feminine Caesuras.** — A caesura immediately following the long syllable of the *thesis* is called *masculine*, a caesura between the two short syllables of the *arsis* is called *feminine*.

<sup>1</sup> Ar. Nub. 1038-9.

2. The scheme of the dactylic hexameter is as follows:

$\angle \infty \mid \angle \infty \mid \angle \infty \mid \angle \infty \mid \angle \infty \mid \angle \cup \wedge$

Examples are:

$\angle \cup \cup \mid \angle \cup \cup \mid \angle \parallel \mid \angle \cup \cup \mid \angle \cup \cup \mid \angle \cup \wedge$   
 μῆνιν ᾗειδε, θεῶ, Πηληϊάδεω Ἀχιλῆος<sup>1</sup>

$\angle \cup \cup \mid \angle \cup \cup \mid \angle \cup \parallel \cup \mid \angle \cup \cup \mid \angle \cup \cup \mid \angle \cup \wedge$   
 ἄνδρα μοι ἔννεπε, Μοῦσα, πολύτροπον, ὅς μάλα πολλὰ<sup>2</sup>

$\angle \mid \angle \cup \cup \mid \angle \cup \parallel \cup \mid \angle \cup \cup \mid \angle \mid \mid \angle \cup \wedge$   
 τίπτ' αὖτ, αἰγίοχοιο Διὸς τέκος εἰλήλουθας;<sup>3</sup>

$\angle \cup \cup \mid \angle \cup \cup \mid \angle \cup \parallel \cup \mid \angle \cup \cup \mid \angle \cup \cup \mid \angle \cup \wedge$   
 ἦ δ' ἄέκουσ' ἄμα τοῖσι γυνὴ κίεν. αὐτὰρ Ἀχιλλεύς<sup>4</sup>

#

For the synizesis of  $\epsilon\omega$  in the first example see § 19, note 2; for the shortening of  $\mu\omicron\iota$  in the second see § 52 a. Observe that the third example is a spondaic line, and the fourth shows the bucolic diaeresis. For explanations of some other peculiarities of the Homeric verse see §§ 2 a; 13 a; 22 a; 36 a; 44 a; 44, 2 a; 53, a, b; 54 a.

**702. The Elegiac Distich.** — The Elegiac distich consists of a dactylic hexameter followed by two catalectic dactylic tripodies (which form the so-called pentameter).

The scheme entire is as follows:

$\angle \infty \mid \angle \infty \mid \angle \infty \mid \angle \infty \mid \angle \infty \mid \angle \cup \wedge$   
 $\angle \infty \mid \angle \infty \mid \angle \mid \angle \cup \cup \mid \angle \cup \cup \mid \angle \bar{\cup}$   
 #

NOTE. — In the pentameter the end of the first tripody always coincides with the end of a word, and neither hiatus (§ 668, 1) nor *syllaba anceps* (§ 688) is allowed at this point. Observe also that the second tripody does not admit spondees.

1. The Elegiac distich is a favorite metrical form for gnomic and didactic poetry. It is but once used in the

<sup>1</sup> A 1.

<sup>2</sup> α 1.

<sup>3</sup> A 202.

<sup>4</sup> A 348.

extant tragedy, the first two lines of the passage being as follows:

$$\begin{array}{ccccccc} \angle \cup \cup & | & \angle \_ & | & \angle \parallel & \cup \cup & | & \angle \cup \cup & | & \angle \cup \cup & | & \angle \cup \wedge \\ \text{'Ιλίϕ} & | & \text{αἰπεινᾶ} & | & \text{Πάρις} & | & \text{οὐ γάμον} & | & \text{ἀλλά τιν' } & | & \text{ἄτᾶν} \\ \angle \cup \cup & | & \angle \_ & | & \angle \_ & | & \angle \cup \cup & | & \angle \cup \cup & | & \angle \bar{\_} \\ \text{ἀγάγετ' } & | & \text{εὐναί} & | & \text{ᾶν} & | & \text{εἰς θαλάμους} & | & \text{Ἑλένᾶν.}^1 & & \end{array}$$

#

## ANAPAESTIC RHYTHMS

(Cf. § 706, note)

**703.** The basis of anapaestic rhythms is the anapest ( $\cup \cup \angle$ ), but for this the spondee ( $\_ \_$ ) or even the dactyl ( $\_ \cup \cup$ ) may be substituted. A dactyl (or the last of two or more dactyls) is regularly followed by a spondee ( $\_ \cup \cup \_ \_$ ), since a dactyl followed by an anapaest ( $\_ \cup \cup \cup \cup \_$ ) would bring four short syllables together.

1. Anapaestic rhythms are usually measured by dipodies (§ 686, 2), and the most common forms are the monometer (of two feet), the dimeter (of four feet), and the dimeter catalectic or Paroemiac. The schemes are as follows:

$$\begin{array}{l} \text{(Monometer)} \left\{ \begin{array}{cc} \cup \cup \angle & \cup \cup \_ \\ \_ \_ & \_ \_ \\ \_ \cup \cup & \_ \_ \end{array} \right. \\ \text{(Dimeter)} \left\{ \begin{array}{cc} \cup \cup \angle & \cup \cup \_ \\ \_ \_ & \_ \_ \\ \_ \cup \cup & \_ \cup \cup \end{array} \right. \left| \begin{array}{cc} \cup \cup \angle & \cup \cup \_ \\ \_ \_ & \_ \_ \\ \_ \cup \cup & \_ \_ \end{array} \right. \end{array}$$

Cf. "And the olive of peace || sends its branches abroad."

$$\text{(Paroemiac)} \left\{ \begin{array}{cc} \cup \cup \angle & \cup \cup \_ \\ \_ \_ & \_ \_ \\ \_ \cup \cup & \_ \cup \cup \end{array} \right. \left| \begin{array}{cc} \cup \cup \angle & \_ \\ \_ & \_ \end{array} \right.$$

Cf. "The Lord is adván||cing. Prepáre ye!"

**2. Anapaestic Systems.** — Anapaestic rhythms were much used by the dramatists in systems (§ 692), a system

<sup>1</sup> E. *And.* 103-104.



For lyric anapaestic rhythms (which usually admit more freedom of substitution) see § 709, 2.

## LYRIC RHYTHMS

**705.** Lyric rhythms in general differ from recitative rhythms only in allowing much greater freedom of substitution. Their most notable characteristic is the Procrustean habit of frequently employing feet which are either longer or shorter than the fundamental foot of the verse, but which, by an arbitrary shortening or lengthening, are made to fit the rhythm (cf. § 682, 3-6). Thus, a long syllable of two *morae* (—) by being lengthened (⏟), or a dactyl (— ∪ ∪) of four *morae* by being shortened (— ∪) is often employed in a rhythm whose fundamental foot is the trochee (— ∪) of three *morae*. Likewise a trochee (— ∪) of three *morae* may be used in a dactylic (— ∪ ∪) rhythm of four *morae* (as ⏟ ∪). But the character of the rhythm may always be determined by the preponderance of the fundamental foot.

**706. Anacrusis.**—In the lyric rhythms each line does not always begin with a complete foot. The extra syllable (or syllables) at the beginning of such a line has received the name of *anacrūsis* (ἀνάκρουσις *upward beat*).

1. *The anacrusis must not be greater than the arsis.* Hence we may have ∪ or > or ∪ as the anacrusis of a logaoedic verse (§ 707, 1) and ∪ ∪, or —, or ∪, as the anacrusis of a dactylo-epitritic verse (§ 709).

Anacrusis is indicated by ∴.

NOTE.—Some writers on meter recognize only those feet in which the ictus falls on the first part of the foot (i.e. trochees, dactyls, etc.). By this theory an iambic verse (∪ — | ∪ —) is regarded as a catalectic trochaic with anacrusis (∪ ∴ — ∪ | — ^), an anapaestic verse as a



catalectic dactylic with anacrusis, etc. But the ancients recognized rhythms in which the ictus falls on the second part of the foot, as well as the other kind, and such rhythms are often constructed on a different principle from the others. Hence it seems best to limit anacrusis to the strictly lyric rhythms, where the great variety and complexity of the verses demand the adoption of some simple working hypothesis, although it is not certain that such rhythms were so treated by the ancients.

### LYRIC RHYTHMS IN $\frac{3}{8}$ TIME

**707.** The fundamental foot of lyric rhythm in  $\frac{3}{8}$  time is the trochee ( $— \cup$ ), but in place of the trochee may be substituted the tribrach ( $\cup \cup \cup$ ), the irrational trochee ( $— >$ , § 682, 5), the cyclic dactyl ( $— \cup$ , § 682, 6), or the triseme ( $\sqcup$ , § 682, 3). The cyclic dactyls are found before or between trochees, but trochees are not found between dactyls in the same verse. Anacrusis (§ 706) is frequent.

1. **Logaoedic Rhythms.** — Rhythms in  $\frac{3}{8}$  time containing both trochees and (cyclic) dactyls have received the name of Logaoedic (*λόγος speech, prose, αοιδή song*).

2. Occasionally lyric verses in  $\frac{3}{8}$  time are found without cyclic dactyls or trisemes, and such verses by themselves might be explained as lyric trochaic, or (if they have anacrusis, cf. § 706, note) as lyric iambic rhythms; but since such verses are seldom found except in connection with other, logaoedic, verses, it is better to treat them all under one general head.

NOTE 1. — “**Basis.**” — The first foot of a logaoedic verse allows great freedom. It may be a trochee ( $\angle \cup$ ), a tribrach ( $\angle \cup \cup$ ), an irrational trochee ( $\angle >$ ), or even an apparent iambus ( $\angle —$ ) or anapaest ( $\angle \cup >$ ). For an example see § 708, 6.

NOTE 2. — Logaoedic Rhythms are measured by the single foot. Some of them have acquired special names, which, however, are not particularly important, for a verse can always be described as a dipody, tripody, etc., according to the number of feet it contains.

## 1. DIPODY (LOGAOEDIC)

## 2. TRIPODIES

φρενομόρως ἀκούση<sup>1</sup>

τέλος θάνομι καὶ τὸς<sup>2</sup>

$\cup : \angle \quad \cup | \angle \quad \cup | \angle \quad \wedge$   
 τί τῶνδ' ἄνευ κακῶν;<sup>3</sup>

$\cup : \sqsubset \quad \sqsubset \quad \cup \sqsubset \wedge$   
 φίλαν δρον · μενεῖ.<sup>4</sup>

$\beta\upsilon\rho\sigma\acute{o}\tau\omicron\upsilon\gamma\omicron\nu\ \kappa\acute{\upsilon}\kappa\lambda\omega\mu\alpha^5$  (First Pherecratean)

$$\begin{array}{c|c|c} \text{—} & \cup & \text{—} \\ \eta^* & \pi\acute{o}\lambda\iota\varsigma & \eta^* \end{array} \quad \begin{array}{c|c} \text{—} & \cup \\ \eta^* & \phi\acute{\iota} \end{array} \quad \begin{array}{c} \text{—} \wedge \\ \lambda\omega\nu^6 \end{array} \quad (\text{First Pherecratean catalectic})$$

$\frac{\angle}{\pi\alpha\iota\delta\acute{o}\varsigma}$  |  $\frac{\angle}{\delta\acute{\upsilon}\sigma\phi\omicron\rho\omicron\nu}$  |  $\frac{\angle}{\acute{\alpha}\tau\bar{\alpha}\nu}^7$  (Second Pherecratean)

$\begin{array}{c} > : \quad \diagup \quad \cup \\ \pi\hat{\omega}\varsigma \quad \text{o}\hat{\upsilon}\nu \quad \text{i}\epsilon \end{array} \bigg| \begin{array}{c} \diagup \quad \cup \\ \rho\hat{\omega}\nu \quad \text{ποτα} \end{array} \bigg| \begin{array}{c} \diagdown \quad \wedge \\ \mu\hat{\omega}\nu. \end{array}^8$

<sup>5</sup> E. *Bacchae*, 123. <sup>7</sup> S. *Aj.* 643.

<sup>6</sup> E. Med. 847.

<sup>8</sup> E. Meil. 846.

Logaoedic tripodies containing a triseme (§ 682, 3):

$\cup : \angle \angle \cup \angle \wedge$   
*κακᾶν ἐλπίδ' ἔχων*<sup>1</sup>  
 $\angle \cup \angle \angle \wedge$   
*τλάμονι θῦ μῶ*<sup>2</sup>

The last example might be scanned as a dipody (Adonic  $\_ \cup | \_ \cup$ ), but the scansion of such lines is determined by the character of the strophe in which they stand.

## 3.

## TETRAPODIES

The following will serve as examples of tetrapodies, although many more varieties are found:

$\angle \cup | \angle \cup | \angle \wedge$   
*βάξις εἰ δ' ἐτήτυμος*<sup>3</sup>  
 $\angle \cup \angle \cup | \angle \cup | \angle \cup$   
*νῦν γὰρ ἐμοὶ μέλει χορεύσαι*<sup>4</sup> (First Glyconic)  
 $\angle \cup \angle \cup | \angle \cup | \angle \wedge$   
*δῦρομένᾱ σὸν εἰνέταν*<sup>5</sup> (First Glyconic catalectic)  
 $\angle \cup | \angle \cup | \angle \cup | \angle \wedge$   
*ἥνρον οὐδέ τι φάρμακον*<sup>6</sup> (Second Glyconic catalectic)  
 $\cup : \angle \cup | \angle \cup | \angle \cup | \angle \wedge$   
*ἔτλᾱ δὲ σοῖσι μηλονόμας*<sup>7</sup> (Third Glyconic catalectic,  
with anacrusis)  
 $\cup : \angle \cup | \angle \cup | \angle \cup | \angle \wedge$   
*μένει δ' ἀκοῦσαι τί μιν*<sup>8</sup>  
 $\cup : \angle \cup | \angle \cup | \angle \wedge$   
*μονόποις ἀλλ' ἔμπαρς*<sup>9</sup>

## 4.

## PENTAPODIES

$\angle > | \angle \cup | \angle \cup | \angle \cup$   
*ἐν ῥύτον κλαδί τὸ ξίφος φορήσω*<sup>10</sup>  
 $\angle \cup | \angle \cup | \angle \wedge$   
*τᾶν ὁ μέγας μῦθος ἀέξει*<sup>11</sup>

<sup>1</sup> S. *Aj.* 606.<sup>4</sup> S. *Aj.* 701.<sup>7</sup> E. *Alc.* 573.<sup>10</sup> *Scolium.*<sup>2</sup> E. *Med.* 865.<sup>5</sup> E. *Med.* 159.<sup>8</sup> Aesch. *Ag.* 459.<sup>11</sup> S. *Aj.* 226.<sup>3</sup> Aesch. *Ag.* 477.<sup>6</sup> E. *Alc.* 966.<sup>9</sup> E. *Alc.* 906.

## 5.

## HEXAPODIES

> ∴ ∟ ∪    ∟ ∪    ∟ ∪    ∟ ∪    ∟ ∟∧  
εὐδαίμονες | οἷσι κα|κῶν ᾗ|γενστος | αἰ|ών  
  
∟ ∪    ∟ >    ∟ ∪    ∟ ∪    ∟ ∟∧  
οἷς γὰρ | ἂν σει|σθῇ θεό|θεν δόμος | ᾗ|τὰς  
  
∟ ∪    ∟ >    ∟ ∪    ∟ ∪    ∟ ∪    ∟ ∪  
οὐδὲν | ἐλλεί|πει γενε|ᾱς ἐπὶ | πλη̅θος | ἔρπον.<sup>1</sup>

6. Some verses contain more than one *colon*. Examples are:

## (EUPOLIDEAN)

$\frac{\angle}{\omega} \frac{\cup}{\theta\epsilon} \left| \frac{\angle}{\omega} \frac{\cup}{\mu\epsilon\nu} \right| \frac{\angle}{\omicron} \frac{\cup}{\iota} \left| \frac{\angle}{\kappa\alpha\tau\epsilon} \frac{\cup}{\rho\omega} \right| \parallel \frac{\cup}{\pi\rho\omicron\varsigma} \frac{\cup}{\upsilon} \left| \frac{\angle}{\mu\alpha\varsigma} \frac{\cup}{\epsilon} \right| \frac{\angle}{\lambda\epsilon\upsilon\theta\acute{\epsilon}} \frac{\cup}{\rho\omega\varsigma}$   
 $\frac{\angle}{\omicron\upsilon\tau\omega} \left| \frac{\angle}{\nu\acute{\iota}\kappa\acute{\eta}} \frac{\cup}{\sigma\alpha\iota\mu\acute{\iota}} \right| \frac{\angle}{\tau'} \frac{\cup}{\epsilon} \left| \frac{\angle}{\gamma\omega} \right| \parallel \frac{\angle}{\kappa\alpha\iota} \frac{\cup}{\nu\omicron} \left| \frac{\angle}{\mu\iota\zeta\omicron\iota} \frac{\cup}{\mu\eta\nu} \right| \frac{\angle}{\sigma\omicron} \frac{\cup}{\phi\acute{\omicron}\varsigma} \frac{\cup}{\textsuperscript{2}}$

Observe the *basis* (§ 707, note 1) at the beginning of the second *colon* of the first line.

(GREATER ASCLEPIADEAN)

$\begin{array}{|c|c|c|c|c|c|c|c|c|c|} \hline \angle \cup & \angle \cup & \angle & \angle \cup & \angle & \angle \cup & \angle \cup & \angle \cup & \angle \cup & \angle \cup \\ \hline \mu\eta\delta\acute{\epsilon}\nu & \grave{\alpha}\lambda\lambda\omicron & \phi\upsilon\tau\acute{\epsilon}\upsilon & \sigma\eta\varsigma & \pi\rho\acute{o}\tau\epsilon & \rho\omicron\nu & \delta\acute{\epsilon}\nu\delta\rho\iota\omicron\nu & \acute{\alpha}\mu\pi\acute{\epsilon}\lambda\omega.^3 & & \end{array}$

7. The following examples show lyric verses in  $\frac{3}{8}$  time combined to form a strophe (§ 691):

$\frac{\angle}{\kappa\alpha\iota} \cup \frac{\angle}{\sigma\acute{\epsilon}} \mid \frac{\angle}{\mu\acute{\epsilon}\nu,} \cup \frac{\angle}{\pi\acute{o}\tau\iota\eta,} \mid \frac{\angle}{\text{'}\text{Α}\rho\gamma\acute{\epsilon}\iota} \mid \frac{\angle}{\bar{\alpha}} \wedge$   
 $\frac{\angle}{\pi\epsilon\eta\tau\eta} \mid \frac{\angle}{\kappa\acute{o}\nu\tau\omicron\rho\omicron\varsigma} \mid \frac{\angle}{\omicron\acute{\iota}\kappa\omicron\nu} \mid \frac{\angle}{\acute{\alpha}\xi\epsilon\iota} \cdot$   
 $\text{>:} \frac{\angle}{\varsigma\upsilon\acute{\rho}\iota} \mid \frac{\angle}{\xi\omega\nu} \mid \frac{\angle}{\delta'} \cup \frac{\angle}{\omicron} \mid \frac{\angle}{\kappa\eta\rho\omicron\delta\acute{\epsilon}} \mid \frac{\angle}{\tau\acute{\alpha}\varsigma} \wedge$   
 $\cup \cup \cup \mid \frac{\angle}{\kappa\acute{\alpha}\lambda\alpha\mu\omicron\varsigma} \mid \frac{\angle}{\omicron\upsilon\rho\acute{\epsilon}\iota} \mid \frac{\angle}{\omicron\nu} \mid \frac{\angle}{\Pi\acute{\alpha}\nu\omicron\varsigma} \wedge$   
 $\text{>:} \frac{\angle}{\kappa\acute{\omega}\pi\alpha\iota\varsigma} \mid \frac{\angle}{\epsilon\pi\iota} \mid \frac{\angle}{\theta\omega} \mid \frac{\angle}{\acute{\upsilon}} \mid \frac{\angle}{\xi\epsilon\iota},^4 \wedge$

$$\overbrace{4 + 4 + 4 + 4} + 4$$

<sup>1</sup> S. *Ant.* 582-5.

<sup>2</sup> Ar. *Natb.* 518, 520.

<sup>3</sup> Alcæus.

<sup>4</sup> E. *I.T.* 1123-7.



OTHER RHYTHMS IN  $\frac{3}{4}$  AND  $\frac{5}{8}$  TIME

**710. Choriambic Rhythms.** — The fundamental foot of choriambic rhythms is the choriambus ( $\angle \cup \cup \_$ ). Such rhythms are rare. An example is:

$\angle \cup \cup \_ \mid \angle \cup \cup \_ \mid \angle \cup \cup \_ \mid \angle \cup \cup \_$   
 δεινὰ μὲν οὖν, δεινὰ τάρ᾽σσει σοφὸς οἰωνοθέτας.<sup>1</sup>

**711. Ionic Rhythms.** — Ionic rhythms have the ionic ( $\_ \_ \cup \cup$ ) as their fundamental foot, for which occasionally  $\sqcup \cup \cup$  (§ 682, 4) is found. Such rhythms are regularly catalectic (§ 689) with anacrusis (§ 706), and by some they are explained as ionic *a minore* (see § 706 note).

An example is:

$\cup \cup : \angle \_ \cup \cup \mid \angle \_ \cup \cup \mid \angle \_ \bar{\cup}$   
 πεπέρᾱκεν μὲν ὁ περσέπτολις ἤδη  
 $\cup \cup : \angle \_ \cup \cup \mid \angle \_ \cup \cup \mid \angle \_ \cup \cup \mid \angle \_ \bar{\cup}$   
 βασιλείος στρατὸς εἰς ἀντίπορον γείτονα χῳράν.<sup>2</sup>  
 $\cup \cup : \sqcup \cup \cup \mid \angle \_ \bar{\cup}$   
 πολύγομφον ὀδισμα<sup>3</sup>

NOTE. — **Anaclassis.** — The last long syllable and the first short syllable of any foot may be transposed. This is called *anaclassis* (ἀνάκλασις *breaking up*): thus

$\cup \cup : \angle \cup \_ \cup \mid \angle \_ \bar{\cup}$   
 ἰδίους νόμοις κρατύνων<sup>4</sup>

(instead of  $\cup \cup : \angle \_ \cup \cup \mid \angle \_ \bar{\cup}$ ).

**712. Dochmiac Rhythms.** — In some of the lyric portions of tragedy, where great excitement is expressed, a peculiar but unmistakable rhythm, called dochmiac, is often found. The exact nature of this is very uncertain, but it is based on a dipody  $\cup \angle \_ \cup \angle$ , which is thought to have a broken rhythm, with alternating  $\frac{5}{8}$  and  $\frac{3}{8}$  time.

<sup>1</sup> S. O.T. 484.

<sup>2</sup> Aesch. *Persians*, 65–6.

<sup>3</sup> Aesch. *Persians*, 71.

<sup>4</sup> Aesch. *Pr.* 403.

It allows the irrational long (§ 682, 5) in place of either of the two short syllables, and also freely resolves any one of the three long syllables into two shorts. Hence many variations are possible, but only nineteen are actually found, and some of these very seldom. The following are the most common forms :

$\cup \angle \_ \cup \angle$   
 δαῖχθεῖς χερῶν<sup>1</sup>

$\cup \cup \_ \cup \angle$   
 κατολοφύρομαι<sup>2</sup>

$> \cup \_ \cup \angle$   
 Ἀργόθεν ὦ φίλος<sup>3</sup>

$> \cup \_ > \angle$   
 ὦ σκέτλιοι πομπαί<sup>4</sup>

$\cup \cup \cup \cup \cup \angle$   
 χθονὸς ἀπὸ πατρίδος<sup>5</sup>

$\cup \cup \cup \cup \cup \cup$   
 τὸν ἔτι βρέφος ἔλιπον.<sup>6</sup>

Dochmiacs are often found in systems (§ 692). A good example is *E. Med.* 1258–60.

**713. Bacchiac Rhythms.** — Bacchiac Rhythms (based on the bacchiūs,  $\cup \angle \_$ ) are seldom found except in connection with other rhythms (usually dochmiac). An example is in *Aesch. Pr.* 115.

**714. Cretic Rhythms.** — Cretic rhythms occasionally occur with the cretic ( $\angle \cup \_$ ) as the fundamental foot, which may be resolved (§ 685) into  $\angle \cup \cup \cup$  (first paeon) or  $\cup \cup \cup \_$  (second paeon). An example is

$\angle \cup \_ \mid \angle \cup \_ \mid \angle \cup \cup \cup$   
 ὅστις ἦ μὲν μόνος σπείσάμενος.<sup>7</sup>

<sup>1</sup> *E. I.T.* 872.

<sup>3</sup> *E. I.T.* 830.

<sup>5</sup> *E. I.T.* 829.

<sup>7</sup> *Ar. Ach.* 835.

<sup>2</sup> *E. I.T.* 643.

<sup>4</sup> *E. I.T.* 650.

<sup>6</sup> *E. I.T.* 291.



## APPENDIX B

### TABLE OF VOWEL CONTRACTIONS

715.

$a + a = \bar{a}$ (§ 18, 2)	$\epsilon + v = \epsilon v$ (§ 18, 1)
$a + ai = ai$ (§§ 19; 88)	$\epsilon + \omega = \omega$ (§ 18, 4)
$a + \bar{a} = \bar{a}$ (§ 19)	$\epsilon + \varphi = \varphi$ (§ 19)
$a + \epsilon = \bar{a}$ (§ 18, 6)	$\eta + ai = \eta$ (§ 19)
$a + \begin{cases} \epsilon \text{ (real)} & = \bar{a} \text{ (§ 19)} \\ \epsilon \text{ (apparent)} & = \bar{a} \text{ (§ 19)} \end{cases}$	$\eta + \epsilon = \eta$ (§ 18, 2)
$a + \eta = \bar{a}$ (§ 18, 6, rarely $\eta$ , § 170, 2)	$\eta + \begin{cases} \epsilon \text{ (real)} & = \eta \text{ (§ 19)} \\ \epsilon \text{ (apparent)} & = \eta \text{ (§ 19)} \end{cases}$
$a + \eta = a$ (§ 19, rarely $\eta$ , § 170, 2)	$\eta + \iota = \eta$ (§ 18, 1)
$a + \iota = ai$ (§ 18, 1)	$\iota + \iota = \bar{\iota}$ (§ 18, 2)
$\bar{a} + \iota = \bar{a}$ (§ 18, 1)	$o + a = \omega$ (§ 18, 4, rarely $\bar{a}$ , § 118, 1)
$a + o = \omega$ (§ 18, 4)	$o + \epsilon = ov$ (§ 18, 5)
$a + oi = \varphi$ (§ 19)	$o + \begin{cases} \epsilon \text{ (real)} & = oi \text{ (§ 19, 2)} \\ \epsilon \text{ (apparent)} & = ov \text{ (§ 19, 2)} \end{cases}$
$a + ov$ (apparent) = $\omega$ (§ 19)	$o + \eta = \omega$ (§ 18, 4)
$a + \omega = \omega$ (§ 18, 4)	$o + \eta = oi$ (§ 19, 2; rarely $\varphi$ , § 170, 2)
$\epsilon + a = \eta$ (§ 18, 6, sometimes $\bar{a}$ , §§ 91, 1; 106, 2; 118, 1; 120, 3)	$o + \iota = oi$ (§ 18, 1)
$\epsilon + ai = \eta$ (§ 19, rarely $ai$ , § 118, 1; or $\epsilon i$ , § 170, note 3)	$o + o = ov$ (§ 18, 3)
$\epsilon + \epsilon = \epsilon i$ (§ 18, 3)	$o + oi = oi$ (§ 19, 1)
$\epsilon + \epsilon i = \epsilon i$ (§ 19)	$o + ov = ov$ (§ 19)
$\epsilon + \eta = \eta$ (§ 18, 2)	$o + \omega = \omega$ (§ 18, 2)
$\epsilon + \eta = \eta$ (§ 19)	$o + \varphi = \varphi$ (§ 19)
$\epsilon + \iota = \epsilon i$ (§ 18, 1; cf. § 6, 3)	$v + \iota = \bar{v}$ (§ 211, 2 a)
$\epsilon + o = ov$ (§ 18, 5)	$\omega + a = \omega$ (§ 18, 4)
$\epsilon + oi = oi$ (§ 19, 1)	$\omega + \epsilon = \omega$ (§ 18, 4)
$\epsilon + ov = ov$ (§ 19)	$\omega + \iota = \varphi$ (§ 18, 1)
	$\omega + o = \omega$ (§ 18, 2)

## APPENDIX C

### THE PRONUNCIATION OF GREEK PROPER NAMES IN ENGLISH

**716.** Nearly all Greek proper names came into the English language through the medium of Latin. Hence the following rule for pronouncing such names :

*Write the Greek name in the equivalent Latin letters (see § 1) and pronounce as an English word<sup>1</sup> with Latin accent.*

NOTE.—In addition to the equivalents given in § 1, the following should be mentioned :

Gk.	Lat.	Gk.	Lat.	Gk.	Lat.
αι = ae (ai)		ευ = eu		Final -ος, -ον, }	
ει = ī (or ē)		ου = ū		of 2d decl., }	= -us, -um
οι = oe (oi)		γ nasal (§ 11, 1) = n		ρ with rough }	
αυ = au		Final -οι = -i		breathing (ρ̣) }	= rh

Examples are :

Αἰγῖνα = Ae-gi'-na

Ἀθήνη = A-thē'-nē

Βοιωτία = Boe-ō'-ti-a

Βυζάντιον = By-zan'-ti-um

Δᾱρεῖος = Da-rī'-us

Δελφοί = Del'-phi

Διόσκουροι = Di-os-cū'-rī

Εὐρώτᾱς = Eu-rō'-tas

Θουκυδίδης = Thū-cyd'-i-des

Μίλητος = Mi-lē'-tus

Ὀδυσσεύς = O-dys'-seus

Ξενοφῶν = Xen'-o-phon

Σφίγξ = Sphinx

Τιμόθεος = Ti-mo'-the-us

Χάρον = Cha'-ron

<sup>1</sup> See Bennett and Bristol, *The Teaching of Latin and Greek*, pp. 237-9.

**717.** The following grammatical terms are still occasionally employed by editors. Most of them explain themselves, but for completeness they are here catalogued.

2. **Aphaeresis.** — If the second of two words between which synizesis (§ 43, note 2) takes place begins with  $\epsilon$ , some editors regard the  $\epsilon$  as elided, and so indicate it: as  $\mu\eta\acute{\nu}\gamma\acute{\omega}$  for  $\mu\eta\epsilon\gamma\acute{\omega}$ .

4. **Brachylogy** (*brief expression*) makes one word do double duty: as κόμαι Χαρίτεσσιν ὁμοῖαι *hair like (the hair of) the Graces* P 51. ὅπλισμένοι ἦσαν τοῖς αὐτοῖς Κύρῳ ὅπλοις *they were armed with the same weapons as (those of) Cyrus* Xn. Cy. 7, 1, 2.

βασιλεύς τ' ἀγαθὸς  
 κρατερός τ' αἰχμητής

BABBITT'S GR. GRAM. — 24 369

7. **Hendiadys** (*one through two*) is the use of two coordinate words to express what might have been expressed by one word and an attributive: as *κράτη καὶ θρόνοι* *power and throne* (i.e. throne of power) *S. Ant.* 173.

8. **Hypallage** (*interchange*) gives to the less important of two words the construction appropriate to the more important: as *ὀδύνῃσι πελάζειν* *to bring him upon troubles* (instead of 'bring troubles upon him') *E* 776.

9. **Hyperbaton** (*overstepping*) is a transposition (for the sake of emphasis) of the natural order of words: as *παρ' οὐκ ἐθέλων ἐθελούσῃ* *unwilling by her willing side* *Σ* 155.

10. **Hypotaxis** (opposed to parataxis) is the subordination of one construction to another (cf. § 594, 1 note).

11. **Hysteron proteron** is 'putting the cart before the horse': as *εἴματα τ' ἀμφιέσασα θυώδεα καὶ λοέσασα* *having clothed him in fragrant garments and given him a bath* *ε* 264.

12. **Litōtes** (*plainness*) and **Meiōsis** (*lessening*) are forms of understatement: as *οὐ πολλοί* *not many* (i.e. = *ὀλίγοι* *a few*).

13. **Metonymy** (*change of name*) is the use of one word in place of another which it suggests: as *ἄσπῃς μυριά* *ten thousand shield* (i.e. soldiers, or men with shields) *Xn. A.* 1, 7, 10.

14. **Oxymōron** (*keen foolishness*) is a combination of apparently contradictory terms such as 'painful pleasure' or 'living death': thus *ψευσάμενον πιστὸν γενέσθαι* *to be believed for his falsehood!* *Th.* 3, 43.

15. **Parataxis** (opposed to hypotaxis) is the use of coördinate constructions (cf. § 594, 1 note).

16. **Paronomasia** is a play on words of similar sound: as *ἐπανάεστησαν μάλλον ἢ ἀπέστησαν* *they have revolted rather than rebelled* *Th.* 3, 39.

17. **Pleonasm** is unnecessary fullness of expression: as *πειράσομαι τῷ πάππῳ, . . . κράτιστος ὢν ἱππεύς, συμμαχεῖν αὐτῷ* *to my grandfather I shall try, by being a very good horseman, to be an ally to him* *Xn. Cy.* 1, 3, 15. Other examples are mentioned in §§ 434; 601 note; 657, note 2.

18. **Prolepsis** (*anticipation*) is properly the use of an adjective which by its meaning anticipates the action of the verb: as *δικαίων ἀδίκους φρένας παρασπᾶς* *you lead astray the unjust minds of righteous men*, i.e. "so that they become unjust" *S. Ant.* 791.

More commonly prolepsis is used of the *position* of a substantive or

a pronoun, which is transferred (usually with a change of case) from a (later) subordinate clause to an (earlier) principal clause: as ἤδее γὰρ κατὰ θυμὸν ἀδελφεὸν ὥς ἐπονείτο for *he knew in his heart full well how his brother was toiling* (lit. "knew his brother how he was toiling") B 409. ἤδει αὐτὸν ὅτι μέσον ἔχει *he knew that he commanded the center* Xn. A. 1, 8, 21.

19. **Zeugma** (*yoking*) is the forcing of one verb to do the duty of two (dissimilar) verbs: as οὔτε φωνήν οὔτε του μορφὴν βροτῶν ὄψῃ *you shall not (hear) the voice or see the form of any mortal man* Aesch. Pr. 21.

## APPENDIX E

### WEIGHTS, MEASURES, AND TIME

718.

#### LINEAR MEASURE

##### EQUIVALENT

	1 δάκτυλος ( <i>finger breadth</i> )	= almost $\frac{3}{4}$ inch
4 δάκτυλοι	= 1 παλαιστή ( <i>palm</i> )	= 2.9 + inches
3 παλαισταί	= 1 σπιθαμή ( <i>span</i> )	= 8.73 inches
1 $\frac{1}{3}$ σπιθαμαί	= 1 πούς ( <i>foot</i> )	= 11.65 inches
1 $\frac{1}{2}$ πόδες	= 1 πῆχυς ( <i>cubit</i> )	= 17.46 inches
4 πήχεις (or 6 πόδες)	= 1 ὀργυιά ( <i>fathom</i> )	= 5 feet, 10 - inches
16 $\frac{2}{3}$ ὀργυιαί (or 100 πόδες)	= 1 πλέθρον ( <i>plethrum</i> )	= 97 + feet
6 πλέθρα	= 1 στάδιον ( <i>stade</i> )	= 582 + feet
<hr style="width: 20%; margin: 10px auto;"/>		
9 στάδιοι		= 1 mile (+ 7 feet)
30 στάδιοι	= 1 παρασάγγης ( <i>parasang</i> )	= 3 $\frac{1}{2}$ miles

719.

#### SQUARE MEASURE

The Greeks measured small areas by the square foot, and larger areas (like land) by the square plethrum (= 10,000 square πόδες, i.e.  $97+ \times 97+ = 9412$  sq. feet, or a little over one-fifth of an acre).

720.

#### LIQUID MEASURE

##### U. S. LIQUID MEASURE

	1 ὀξύβαφον	= 0.144 + pint
4 ὀξύβαφα	= 1 κοτύλη	= 0.578 pint
12 κοτύλαι	= 1 χοῦς	= 3.468 quarts
12 χόες	= 1 ἀμφορεὺς μετρητής	= 10.4 + gallons

721.

## DRY MEASURE

## U. S. DRY MEASURE

	1 κίαθος	= .08 + pint
6 κίαθοι	= 1 κοτύλη	= $\frac{1}{2}$ (0.49 +) pint
4 κοτύλαι	= 1 χοϊνίξ	= 1 (0.99 +) quart
4 χοϊνίκες	= 1 ἡμίεκτον	= $\frac{1}{2}$ (0.49 +) peck
2 ἡμίεκτα	= 1 ἑκτεὺς	= 1 (0.99 +) peck
6 ἑκτεῖς	= 1 μέδιμνος	= $1\frac{1}{2}$ (1.49 +) bushels

NOTE.—Both the liquid and the dry κοτύλη had the same value, but the difference between liquid and dry measure in the United States causes the apparent difference in the tables.

## WEIGHTS AND MONEY

722. The tables of Greek weights and of money are identical, coins being named and valued by the weight of silver (or gold) that they contained. The standards, however, were considerably different in different parts of Greece.

In Attica two standards were in use, corresponding to our Troy and Avoirdupois weights. The former constitutes the basis of the Attic coinage, and it was used also in weighing precious metals, drugs, etc. The second was used in ordinary commercial transactions. The approximate values of these were as follows:

723.

## TABLE OF WEIGHTS

	ATTIC	COMMERCIAL OR AEGINETAN
	1 ὀβολός = $\frac{1}{40}$ oz.	
6 ὀβολοί	= 1 δραχμή = $\frac{6}{40}$ oz.	$\frac{2}{40}$ oz.
100 δραχμαί	= 1 μνᾶ = 15.4 + oz.	1 lb. 6 $\frac{1}{8}$ oz.
60 μναί	= 1 τάλαντον = 58 lbs.	83 lbs.



## 724.

## TABLE OF ATTIC MONEY

		VALUE IN U.S. MONEY
8 χαλκοί (copper)	= 1 ὀβολός ( <i>obol</i> )	8 .03
6 ὀβολοί	= 1 δραχμή ( <i>drachma</i> )	.18
100 δραχμαί	= 1 μνᾶ ( <i>mina</i> )	18.00
60 μναί	= 1 τάλαντον ( <i>talent</i> )	1080.00

NOTE. — These values are only approximate, and are determined by the value (in gold) of the weight of the silver in the coins. The present great depreciation in the value of silver is not considered, but it is reckoned as being to gold as 16 : 1. The purchasing power of money was much greater in antiquity than at present. Cf. Xn. A. 1, 3, 21, where the pay of the soldiers (already very high) is raised from 4 obols (\$0.12) to a drachma (\$0.18) a day.

1. The Attic coins (with the exception of the χαλκοῦς, which was of copper) were made of unalloyed silver, and ran from the  $\frac{1}{4}$  obol to the four-drachma piece (τετράδραχμον). The daric (δᾶρεικός), a Persian gold coin containing about 125.5 grains of gold, circulated at the value of 20 drachmae. The Cyzicene stater (of electrum, a mixture of gold and silver) was regarded as equivalent to 28 drachmae.

## GREEK CHRONOLOGY

725. **The Era.** — Any particular year was known at Athens by the name of the Archon Eponymus (and in other places by the name of some other important civil or religious official).

Later came the general practice of numbering the years by Olympiads (periods of four years each), the first year of the first Olympiad (Ol. 1, 1) beginning in the middle of the summer of 776 B.C.

NOTE. — Observe that the first half of Ol. 1, 1 falls in B.C. 776, and the second half in B.C. 775: thus

Ol.	1, 1   1, 2   1, 3   1, 4   2, 1   2, 2   2, 3	etc.
B.C.	776   775   774   773   772   771   770	

1. Hence the following rule for changing Olympiads into years B.C.: multiply the number of the Olympiad by 4, and subtract the product from 780. The remainder will be the year B.C. in which the first year of that Olympiad began.

**726. The Year.** — Besides the ordinary divisions of the year into spring (*ἦρ*), summer (*θέρους*), autumn (*ὀπώρα*), and winter (*χειμών*), the year was divided into twelve months, containing alternately 30 (*μῆνες πλήρεις*) and 29 (*μῆνες κοῖλοι*) days each. But such a year ( $(6 \times 30) + (6 \times 29) = 354$ ) had only 354 days, and hence was roughly  $11\frac{1}{4}$  days too short. In eight years ( $8 \times 11\frac{1}{4} = 90$ ) the difference would amount to 90 days, or three months of 30 days each. So in every cycle of eight years (*ἐννεαετηρίς*) an extra month of 30 days (*Ποσ(ε)ιδεών δεύτερος*) was inserted in the 3d, 5th, and 8th year, thus making those years to contain 384 days. The slight error remaining was variously equated.

1. The year in Attica began theoretically with the summer solstice (June 21), although actually it varied from the middle of June to the first week in August. The months followed one another in the following order:

- |   |                             |
|---|-----------------------------|
| 1. Ἑκατομβαιών (about July)                                 | 7. Γαμηλιών (about January) |
| 2. Μεταγειτνιών (August)                                    | 8. Ἀνθεστηριών (February)   |
| 3. Βοηδρομιών (September)                                   | 9. Ἑλαφβολιών (March)       |
| 4. Πυανοσιών (October)                                      | 10. Μουνιχιών (April)       |
| 5. Μαιμακτηριών (November)                                  | 11. Θαργηλιών (May)         |
| 6. Ποσ(ε)ιδεών (December)                                   | 12. Σκιροφοριών (June)      |
| (6 <sup>b</sup> . Ποσ(ε)ιδεών δεύτερος, in leap years only) |                             |

NOTE.—The names of the Attic months in their order may be readily recalled by the following nonsense: *Hector Met a Boy with a Pie.* “*My Poor Gamin!*” Answered with *A laugh* “*Money, There, Skip!*”

**727. The Month.** — The days of the month were usually reckoned as follows :

1. νουμηνία.

2-10. δευτέρᾱ (τρίτῃ, etc.<sup>1</sup> § 152) ἱσταμένον, — δεκάτῃ ἱσταμένον.

11. ἑνδεκάτῃ.

12. δωδεκάτῃ.

13-19. τρίτῃ (etc. § 152) ἐπὶ δέκα — ἐνάτῃ ἐπὶ δέκα.

20. εἰκάς, or δεκάτῃ προτέρᾱ.

21. δεκάτῃ φθίνοντος or δεκάτῃ ὑστέρᾱ.

22-29. ἐνάτῃ (ὀγδόῃ, etc.<sup>1</sup> § 152) φθίνοντος — δευτέρᾱ φθίνοντος.

30. ἔνη καὶ νέα.

In the months of 29 days the δευτέρᾱ φθίνοντος was omitted.

NOTE.—Later the days 22-29 were also designated as δευτέρα (τρίτῃ, etc.) μετ' εἰκάδας.

**728. The Day.** — The Greeks had no accurate divisions of the day (which was reckoned from sunrise to sunset), but employed the usual rough divisions of *morning* (πρωί), *mid-day* (μεσημβρία), and *afternoon* (δείλη). Other designations such as ὄρθρος *dawn*, περὶ πλήθουσιν ἀγοράν *about the time the market place is crowded* (10 or 11 o'clock), περὶ ἄριστον *about lunch time*, etc., were also used.

The early part of the night was called ἑσπέρα *evening*, and *midnight* was μέση νύξ.

For measuring a definite lapse of time (as in the law courts) the water clock (κλεψύδρα) was employed.

<sup>1</sup> In Attica τετράς was commonly employed instead of τετάρτῃ *fourth*.

## APPENDIX F

729.

### LIST OF VERBS

[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

In the following list, as a rule, only those tenses are given which actually occur in the works of the classical writers which have been preserved, but there is good reason to believe that, in most verbs, the other tenses, not listed here, were also in use; but, by chance, no instance of such use happens to survive. Nor is it at all certain that some of the verbs classed as poetic or Ionic may not have been used also in prose. Such a classification is necessarily arbitrary, and it is made only for convenience.

ἀγάλλω (ἀγαλ-, § 195, 3) *adorn*, fut. ἀγαλῶ, 1st aor. ἤγηλα.

ἄγα-μαι *admire*, aor. ἡγάσθην (§ 158, 3), vbl. ἀγαστός (§ 189).

ἀγγέλλω (ἀγγελ-, § 195, 3) *announce*, fut. ἀγγελῶ, 1st aor. ἤγγειλα, 1st perf. ἤγγελκα, perf. mid. ἤγγελμαι, 1st aor. pass. ἡγγέλθην.

ἀγείρω (ἀγερ-, § 195, 4, cf. ἀγορά) *collect*, 1st aor. ἤγειρα.

ἄγ-νῦ-μι (§ 196, 5, theme ἀγ-, for φαγ-, § 2 a) *break* (in composition also ἀγνύω), fut. (κατ)άξω, 1st aor. (κατ)έαξα (§ 172, 2), 2d pf. (κατ)έᾱγα (§§ 180; 494, 3), 2d aor. pass. (κατ)εάγην (§ 172, 2).

ἄγ-ω (§ 193) *lead*, fut. ἄξω (cf. § 515, 1), 2d aor. ἤγαγον (§ 208, 1), 2d perf. ἦχα (§ 219, 1), perf. mid. ἦγμαι, 1st aor. pass. ἤχθην, vbl.

ἀκτέος.

[ἀάω] *harm, infatuate* (ἀα-), epic and poetic only, 1st aor. ἄασα and ἄσα, 1st aor. pass. ἀάσθην.

ἄγαμαι, epic fut. ἀγάσ(σ)ομαι, epic 1st aor. ἡγασ(σ)άμην.

ἀγάομαι (epic) = ἄγαμαι. Homer has also ἀγαλομαι *envy*.

ἀγείρω, Homer has 2d aor. 3d sing. ἤγρετο (Mss. ἐγρετο), 3d pl. ἤγροντο (Mss. ἀγέροντο), infin. ἀγρέσθαι (Mss. ἀγέρεσθαι), partic. ἀγρόμενος (§ 208), plpf. mid. 3d pl. ἀηγέρατο (§ 226 a), 1st aor. pass. ἡγέρθην.

For ἀγερέθονται (Mss. ἡγ-) and ἡγερέθοντο, see § 191 a.

ἄγω, Homer has 1st aor. impv. ἀξέτε, infin. ἀξέμεναι. See § 201 b.

[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

**ἀγωνίζομαι** (§ 292, 6) *contend* (middle deponent, § 158, 3), fut. **ἀγωνιούμαι** (§ 215), 1st aor. **ἡγωνισάμην**, perf. **ἡγώνισμαι**, vbl. **ἀγωνιστέος**.

**ᾄδ-ω** (**ᾄδ-**, § 193) *sing*, fut. **ᾄσομαι** (§ 507), 1st aor. **ᾄσα**, 1st aor. pass. **ᾄσθην**, vbl. **ᾄστέος**.

**αἰδοῦμαι** (**-έομαι**) (**αἰδес-**, § 188) *fear, respect*, fut. **αἰδέσομαι** and **αἰδεσθήσομαι** (see § 519, note 2), aor. **ᾔδεσθην** (less often **ᾔδεσάμην**, § 158, 3), perf. **ᾔδεσμαι**.

**αἰκίζομαι** (§ 292, 6; middle deponent, § 158, 3) *outrage*, fut. **αἰκιούμαι** (§ 215), aor. **ἡκισάμην**, perf. **ἡκισμαι**, 1st aor. pass. **ἡκίσθην** (§ 510).

**αἰνῶ** (**-έω**, § 188) *praise* (usually in composition), fut. **αἰνέσω**, and also fut. mid. **-αινέσομαι** (§ 507), 1st aor. **-ᾔνεσα**, perf. **-ᾔνεκα**, perf. pass. **ᾔνημαι** (§ 188, 1), 1st aor. pass. **ᾔνέθην**, vbl. **αἰνετέος**.

**αἶρω** (**-έω**) (**αἶρε-**, § 193) *take* (mid. *choose*), fut. **αἶρήσω** (§ 187), aor. supplied (§ 164) by 2d aor. **εἶλον** (§ 172, 2, from stem **έλ-**, subj. **ἔλω**, opt. **ἔλοιμι**, etc.), 1st perf. **ᾔρηκα**, perf. mid. **ᾔρημαι**, 1st aor. pass. **ᾔρέθην** (§ 188, 1), vbl. **αἶρετέος** (§ 188, 1).

**αἶρω** (for **\*ἄρ-ιω** (**ἄρ-**) § 195, 1) *raise*, fut. **ἄρῶ** (§ 213), 1st aor. **ᾔρα** (subj. **ἄρω**, opt. **ἄραιμι**, etc.), perf. **ᾔρακα**, perf. mid. **ᾔραμαι**, 1st aor. pass. **ᾔρθην** (fut. pass. **ἄρθήσομαι**), vbl. **ἄρτέος**.

**αἰσθ-άν-ομαι** (§ 196, 2, theme **αἰσθ-**) *perceive* (middle deponent, § 158, 3), fut. **αἰσθήσομαι**, 2d aor. **ᾔσθόμην**, perf. **ᾔσθημαι**.

**αἰσχύνω** (§§ 292, 9; 195, 4, theme **αἰσχυν-**) *disgrace* (mid. *feel ashamed*), fut. **αἰσχυνῶ**, 1st aor. **ᾔσχυνᾶ** (perf. mid. partic. epic **ᾔσχυμμένος**), 1st aor. pass. **ᾔσχύνθην**, vbl. **αἰσχυντέος**.

**αἰτιῶμαι** (**-άομαι**, § 193) *blame*, fut. **αἰτιάσομαι**, etc. (§ 187), middle deponent (§ 158, 3) regular.

[root **ἀδε-**] *be sated*, epic aor. opt. **ἀδήσειε**, pf. partic. **ἀδηκότες**.

**ᾄδω**, Ionic and poetic **ἄειδω**.

[root **ἀε-**], 1st aor. (epic) **ἄεσα** and **ἄσα** *slept*.

**ἄέξω**, see **αἰξω**.

**ἀη-μι** (§ 193; theme **ἀε-**, **ἀη-**) *blow* (poetic, mostly epic), pres. 3d dual **ἄητον** (§ 200 a), 3d pl. **ἀέσι** (§ 200 b), impf. 3d sing. **ἄη**, infin. **ἀήμεναι** and **ἀῆναι** (§ 200 a), partic. **ἀέλις** (**-έντος**), impf. mid. 3d sing. **ἄητο** (§ 200 a), partic. **ἀήμενος** (§ 200 a).

**αἶρω**, Ionic and poetic **ἄελρω**, 1st aor. **ἤειρα**, 1st aor. pass. **ἤερθην**, plpf. mid. 3d sing. **ἄωρω** (or **ἄωρο**).

**αἶρω**, Herodotus has 1st pf. **ἄρ-αίρηκα**, and pf. mid. **ἄρ-αίρημαι** (§ 179).

**ἄω** *hear* (Ionic and poetic), impf. **ᾄων**, 1st aor. **ἔπ-ᾔισα**.

[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

**ἀκοῦμαι** (-έομαι, § 188, theme ἀκεσ-) *hear* (middle deponent, § 158, 3), aor. **ἤκεσάμην**, vbl. **ἀκεστός** (§ 189).

**ἀκού-ω** (§ 193) *hear*, fut. mid. **ἀκούσομαι** (§ 507), 1st aor. **ἤκουσα**, 2d perf. **ἀκήκοα** (§ 179; for \*ἀκήκοφα, § 21), 1st aor. pass. **ἠκούσθην** (§ 189), vbls. **ἀκουστός**, **-τέος**.

**ἀκροῶμαι** (-άομαι, § 193) *listen*, fut. **ἀκροάσομαι** (§ 187), etc., middle deponent (§ 158, 3) regular.

**ἀλαλάζω** (§ 195, 2, ἀλαλαγ-) *raise the war-cry*, fut. **ἀλαλάξομαι** (§ 507), 1st aor. **ἠλάλαξα**.

**ἀλείφ-ω** (§ 193, 2; theme ἀλειφ-, ἀλιφ-, § 14, 2) *anoint*, fut. **ἀλείψω**, 1st aor. **ἤλειψα**, 2d perf. **ἀλήλιφα** (§ 179, § 219, note 2), perf. mid. **ἀλήλιμμαι** (§ 247), 1st aor. pass. **ἤλείφθην**, vbl. **ἀλειπτέος**.

**ἀλέξω** (§ 193; theme ἀλεξ-, ἀλεκ-, ἀλκ-, § 14, 1) fut. **ἀλέξομαι**, 1st aor. **ἠλέξαμην**.

(ἀλίνδω) *roll*, 1st aor. **ἤλιτσα**, 1st perf. **ἤλικα**, perf. pass. part. **ἠλινδημένος** (§ 190).

**ἀλ-ίσκομαι** (§ 197, theme ἀλ-, ἀλο-) *be taken* (used as pass. of αἰρῶ), fut. **ἀλώσομαι**, 2d aor. **ἔαλων** or **ἤλων** (§ 172, 2, subj. ἀλῶ, etc., opt. ἀλοίην, etc., inf. ἀλῶναι, partic. ἀλούς, § 256), 1st perf. **ἔάλωκα** or **ἤλωκα**, vbl. **ἀλωτός**.

**ἀκ-αχ-ίζω** (§ 292, 6; reduplicated (§ 179 a) theme from root ἀχ-) *grieve, distress*. Other presents of similar meaning from the same root are ἀχ-εύω, ἀχ-έω, ἀχ-ομαι, ἀχ-νυ-μαι *be distressed*. All other tenses are formed from the theme ἀκαχ- or ἀκαχε- (§ 190); thus fut. **ἀκαχήσω** (§ 519 a), 1st aor. (rare) **ἀκάχησα**, 2d aor. **ἤκαχον**, pf. mid. **ἀκάχημαι** *be distressed* (§ 535, doubtful is ἀκηχέδ-αται 3d pl.), partic. as adj. **ἀκαχήμενος** *distressed*. (Doubtful is ἀκηχήμενος.)

**ἀκ-αχ-μένος** (epic pf. partic. from root ἀκ-) *sharpened*.

**ἀλδαινω** and **ἀλδάνω** *nourish* (poetic only), impf. (or 2d aor.?) **ἤλδανον**.

**ἀλέξω**, Ionic and poetic are fut. **ἀλεξήσω** and **ἀλεξήσομαι**, 1st aor. **ἠλέξεσα**, epic 2d aor. **ἄλαλκον** (§ 208).

**ἀλεύω** *avert* (poetic), mostly in mid. **ἀλεύομαι** and **ἀλέομαι** (§ 21) *avoid*, 1st aor. **ἀλευάμην** (§ 207, note 1) and **ἀλεάμην** (§ 21).

**ἀλῆναι**, see εἶλω.

**ἄλθομαι** *be healed* (Ionic and poetic), fut. **ἀλθήσομαι** (§ 190).

**ἀλίσκομαι**, Epic 2d aor. subj. **ἀλώω**, **ἀλώης**, etc.

**ἀλιτ-αίνομαι** (§§ 196, 2; 195, 4) *sin* (poetic, mostly epic), 2d aor. **ἤλιτον**, pf. partic. **ἀλιτήμενος** (§ 190).



[Attic principal parts in **full-faced** type. Ionic and poetic forms at the bottom of the page.]

**ἀλλάττω** (§ 195, note 2; ἀλλαγ-) *change*, fut. ἀλλάξω, 1st aor. ἤλλαξα.

2d perf. -ἤλλαχα (§ 219, 1), perf. mid. ἤλλαγμαi, aorists pass.

ἠλλάχθην (1st) and ἠλλάγην (2d), vbl. ἀλλακτέος.

**ἀλλομαι** (§ 195, 3, theme ἀλ-) *leap*, fut. ἀλούμαι, 1st aor. ἤλάμην (§ 204).

ἀλοῶ (-άω, § 193) *thrash*, 1st aor. ἠλόησα, perf. mid. ἠλόημαι.

ἀλῶ (-έω, § 188) *grind*, fut. ἀλῶ (§ 212, 1), 1st aor. ἤλεσα (§ 188).

pf. mid. ἀλήλε(σ)μαι (§ 179).

**ἀμαρτάνω** (§ 196, 2; theme ἀμαρτ- and ἀμαρτε-, § 190) *err*, fut. ἀμαρτή-

σομαι (§ 507), 2d aor. ἤμαρτον, 1st perf. ἡμάρτηκα, perf. mid.

ἡμάρτημαι, 1st aor. pass. ἡμαρτήθην, vbis. -αμάρτητος, -τέος.

**ἀμβλ-ίσκω** (§ 197, ἀμβλ- and ἀμβλο-) *miscarry*, 1st aor. -ἤμβλωσα, 1st

perf. -ἤμβλωκα, perf. mid. ἤμβλωμαι [1st aor. pass. ἤμβλώθην, late].

**ἀμπ-έχω** and **ἀμπ-ίσχω** (ἀμφί + ἔχω, § 40) *have about, put about, clothe*, like ἔχω and ἴσχω, q.v., but for the augment (ἡμπειχόμεν) see § 175, note.

**ἀμύνω** (§ 195, 4; ἀμυν-) *ward off* (mid. *defend*, § 506), fut. ἀμυνῶ, 1st aor. ἤμυνα, vbl. ἀμυντέος. For ἡμύνασθαι see § 191 a.

**ἀμύττω** (§ 195, 1; ἀμυχ-) *scratch*, fut. ἀμύξω, 1st aor. ἤμυξα.

**ἀμφιγινῶ** (-έω, § 193) *doubt*, regular, but impf. ἡμφεγινόουν (§ 175, note), 1st aor. ἡμφεγνόησα (§ 175, note).

**ἀμφιέννυμι** *clothe*, see ἐννύμι.

**ἀμφισβητῶ** (-έω, § 193) *dispute*, regular, but impf. ἡμφεσβήτουν (§ 175, note), 1st aor. ἡμφεσβήτησα (§ 175, note).

**ἀναίνομαι** (§ 195, 4) *refuse*, mostly poetic; see below.

ἄλλομαι, epic 2d aor. without vowel ε<sup>o</sup> (§ 207 a) ἄλσο, ἄλτο, partic. ἀλμενος, ἀλοῶ, poetic ἀλοιάω.

ἀλυκτῶ (-έω) and ἀλυκτάζω *be troubled*, pf. mid. ἀαλύκτημαι (§ 179 a).

ἀλύ-σκω (§ 197) *avoid* (poetic), other tenses from ἀλυκ-, fut. ἀλύξω, 1st aor. ἤλυξα.

ἀλφ-άνω (§ 196, 2) *acquire* (poetic), epic 2d aor. ἤλφον.

ἀλῶμαι (-άομαι) *wander*, epic impv. 2d sing. ἀλάον (Mss. ἀλόω, § 199 b), pf. ἀλάλημαι (§ 179 b and § 535). Otherwise regular, but mostly poetic.

ἀμαρτάνω, epic 2d aor. ἡμβροτον (for ἡμ(β)ροτον, §§ 14; 38, with sympathetic β, as in βλῖττω and βλώσκω).

ἀμείρω (for \*ἀμερ-ιω, § 195, 4) and ἀμέρδω (cf. ἔρδω) *deprive* (poetic), 1st aor. ἤμερσα (§ 204 a), 1st aor. pass. ἡμέρθην.

ἀμπλακ-ίσκω (§ 197) *err* (poetic), 2d aor. ἡμπλακον, partic. ἀμπλακῶν (also written ἄπλακῶν *metri gratia*), pf. mid. ἡμπλάκημαι (§ 190).

ἀναίνομαι, 1st aor. ἡνννάμην (poetic).



[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

**ἀνᾶλ-ίσκω** (for ἀνα-φαλ-ίσκω, § 2 a; theme ἀνᾶλ-, § 197), also ἀνᾶλῶ (-όω, theme ἀνᾶλο-) *expend*, fut. ἀνᾶλώσω, 1st aor. ἀνήλωσα, 1st perf.

ἀνήλωκα, perf. mid. ἀνήλωμαι, 1st aor. pass. ἀνηλώθην, vbl. ἀνάλωτέος.

**ἀνδάνω** (§ 196, 2; theme ἀδ- for \*σφαδ-, § 36 a), mostly epic and Ionic (see below), but partic. ἄσμενος *pleasing* is much used as an adjective.

**ἀνέχω** *hold up*, ἀνέχομαι *endure*, like ἔχω, but for the augment (ἡνείχόμεν) see § 175, note.

**ἀν-οίγω** *open*, see οἶγω.

**ἀντιβολῶ** (-έω) *meet, beseech*, often has two augments (§ 175, note), as 1st aor. ἡντεβόλησα.

**ἀντιδικῶ** (-έω) *be a defendant*, sometimes has two augments (§ 175, note), as 1st aor. ἡντεδίκησα.

**ἀνύ-ω** (§ 193) and **ἀνύτω** (§ 194) *accomplish*, fut. ἀνύσω, 1st aor. ἥνυσα, 1st perf. ἥνυκα, perf. mid. ἥνυσμαι, vbl. ἀνυστός.

**ἄπτω** (§ 194; theme ἀφ-, § 25) *fasten, kindle*, fut. ἄψω, 1st aor. ἤψα, perf. mid. ἤμμαι, 1st aor. pass. ἤφθην.

**ἀράττω** (§ 195, note 2; theme ἀραγ-) *strike*, fut. ἀράξω, 1st aor. ἤραξα, 1st aor. pass. ἤράχθην.

**ἀνδάνω**, impf. ἐάνδανον (§ 172, 2), ἄνδανον (§ 171 a), and ἡνδανον (Hdt.).

Homeric Mss. give (probably wrongly) ἐήνδανον for ἐάνδανον, and ἡνδανον for ἄνδανον, fut. ἀδήσω (§ 190), 2d aor. ἔαδον (Hdt.), epic ἄδον (§ 171 a) and εὔαδον (for \*έσφαδον, \*έεφφαδον), 2d pf. ἔαδα (§ 180).

**ἀνήνοθε** *grows or grew* (epic 2d pf.).

**ἀνύω**, epic future ἀνύω (§ 216).

ἄνω (poetic) = ἀνύω.

**ἄνωγα**, epic 2d pf. *command* (§ 535), 1st pl. ἄνωγμεν, impv. ἄνωχθι and (with middle endings), 3d sing. ἀνώχθω, 2d pl. ἄνωχθε, plupf. ἡνώγεα. Also pres. ἀνώγω to which all forms with the variable vowel  $\frac{o}{e}$ , including the subj. ἀνώγω, and the opt. ἀνώγοιμι, are to be referred; fut. ἀνώξω, 1st aor. ἥνωξα.

**ἀπ-αφ-ίσκω** (§ 197) *deceive* (poetic), 2d aor. ἤπαφον (partic. ἀπαφών).

**ἀπιήρων** (contr. from -αον), epic impf. *took away*, partic. ἀπούρας are probably traditional Mss. readings embodying ἀπ-έφρων and ἀπο-φράς (§ 2 a).

**ἄρ-αρ-ίσκω** (§§ 197, 1; 179; theme ἄρ-) *fit* (poetic), 1st aor. (trans. § 494, 1) ἤρσα (§ 204 a), 2d aor. (trans. and intrans.) ἤραρον, partic. mid. ἄρμενος *fitting* (§ 210 a), 2d pf. ἄρᾶρα (§ 179) (Ionic ἄρηρα, § 15 a).

[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

ἀρέ-σκω (§ 197; theme ἀρε-, § 188) *please*, fut. ἀρέσω, 1st aor. ἤρεσα, vbl. ἀρεστός.

ἀρκῶ (-έω, § 188) *assist, suffice*, fut. ἀρκέσω (§ 188), 1st aor. ἤρκεσα (§ 188).

ἀρμόττω (§ 195, note 2, ἀρμογ-), also ἀρμόζω (§ 195, 2, ἀρμοδ-) *fit*, fut. ἀρμόσω, 1st aor. ἤρμοσα, perf. mid. ἤρμοσμαι (§ 189), 1st aor. pass. ἤρμόσθην (§ 189), vbl. ἀρμοστέος.

ἀρνούμαι (-έομαι, § 187) *deny*; passive deponent (§ 158, 3) regular.

ἀρπάζω (§ 195, 2; theme ἀρπαγ-, but see § 195, 2 a) *seize, snatch*, fut.

ἀρπάσομαι (§ 507), seldom ἀρπάσω, 1st aor. ἤρπασα, 1st perf.

ἤρπακα, perf. mid. or pass. ἤρπασμαι, 1st aor. pass. ἤρπάσθην.

(ἀρτύνω) ἀρτύ-ω (§ 193) *prepare*, fut. ἀρτύσω, 1st aor. ἤρτύσα, 1st perf.

-ἤρτυκα, perf. mid. ἤρτύμαι, 1st aor. pass. ἤρτύθην.

ἀρύ-ω (§ 193) and ἀρύ-τω (§ 194) *draw (water)*, 1st aor. ἤρυσα, 1st aor. pass. ἤρύθην, vbl. -αρυστέος (§ 189).

ἄρχ-ω (§ 193) *begin, command*, fut. ἄρξω, 1st aor. ἤρξα, 2d perf. ἤρχα, perf. mid. ἤρχμαι, 1st aor. pass. ἤρχθην, vbl. ἀρκτέος.

ἀρῶ (-όω, § 188) *plow*, 1st aor. ἤροσα (§ 188), 1st aor. pass. ἠρόθην (§ 188).

ἀρώμαι (-άομαι, § 187) *pray* (middle deponent, § 158, 3), fut. -αράσομαι, 1st aor. ἠῤῥάσαμεν, perf. -ἠῤῥαμι.

αὔαινω (for \*αὔαν-ιω, § 195, 4) *dry*, fut. αὔανῶ, 1st aor. ηὔηνα, 1st aor. pass. ηὔανθην.

αὐλιζομαι *encamp* (middle and passive deponent, § 158, 3), aor. ηὔλισθην and ηὔλίσαμεν.

αὐξάνω (§ 196, 2, αὔξ-) and αὔξ-ω (§ 193) *make to increase, grow*, fut.

αὐξήσω (§ 190), 1st aor. ηὔξησα (§ 190), 1st perf. ηὔξηκα (§ 190),

perf. mid. ηὔξημαι, 1st aor. pass. ηὔξήθην.

ἀρῃμένος (epic pf. mid. partic.) *oppressed* (derivation unknown).

ἀρνούμαι, also as middle deponent (§ 158, 3), poetic and Ionic.

ἄρ-νυ-μαι (§ 196, 5; theme ἄρ-) *win*, fut. ἀροῦμαι, 2d aor. ἠρόμην (infin. ἄρεσθαι).

ἀρπάζω, epic fut. ἀρπάξω (§ 195, 2 a) and 1st aor. usually ἤρπαξα (§ 195, 2 a). ἄσα, see [άάω]; ἄσαμεν, see [άε-].

αὔξω, epic and Ionic present also ἀέξω.

ἀφάσσω *feel*, 1st aor. ἤφασα (Ionic).

ἀφύσσω *dip up* (poetic), fut. ἀφύξω, 1st aor. ἤφυσα (from ἀφύω).

[root ἄ-] *satiate, satiate one's self* (epic), pres. infin. ἄμεναι, fut. infin.

ἄσειν, 1st aor. subj. ἄσῃ, 1st pl. ἔωμεν? *sic*, opt. ἄσαιμι, infin. ασαι.

[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

**ἄχθ-ομαι** (§ 193, theme **ἄχθ-** and **ἄχθεσ-**) *be oppressed in spirit, displeased* (passive deponent, § 158, 3), fut. **ἄχθεσομαι** (§ 188) and **ἄχθεσθήσομαι** (§ 519, note 2), 1st aor. **ἤχθέσθην** (§ 188).

**βαδίζω** (cf. § 292, 6) *go*, fut. **βαδιοῦμαι** (§ 215 and § 507), vbl. **βαδιστέον**. **βαίνω** (for \***βαν-ιω**, § 195, 4; theme **βα-**, in the present **βα-ν-**, § 196) *go*, fut. **βήσομαι** (§ 507), **βήσω** *shall cause to go* (cf. § 494, 1, note), 1st aor. **ἔβησα** *caused to go* (§ 494, 1), 2d aor. **ἔβην** *went* (§ 494), 1st pf. **βέβηκα**, pf. mid. **βέβαιμαι**, 1st aor. pass. **-εβάθην**, vbls. **βατός**, **-βατέος**.

**βάλλω** (for \***βαλ-ιω**, § 195, 3, theme **βαλ-**) *throw*, fut. **βαλῶ** (rarely **βαλλήσω** (§ 190) of continued action; cf. § 519), 2d aor. **ἔβαλον**, 1st pf. **βέβληκα** (§ 218, 3), pf. mid. **βέβλημαι** (§ 224, 1), 1st aor. pass. **ἐβλήθην** (§ 231, 2), vbl. **βλητέος**.

**βάπτω** (§ 194; theme **βαφ-**) *dip*, fut. **βάψω**, 1st aor. **ἔβαψα**, pf. mid. **βέβαιμαι**, 2d aor. pass. **ἐβάφην**, vbl. **βαπτός**.

**βιάζομαι** *force*, middle deponent (§ 158, 3), regular, has also aor. pass. **ἐβιάσθην** *was forced* (§ 510).

**βιβάζω** *make go*, fut. **βιβάσω** and **βιβῶ** (§ 212, 1), 1st aor. **ἔβιβασα**, vbl. **βιβαστέος**.

**βι-βρώ-σκω** (§ 197, 1; theme **βρω-**) *eat*, 1st pf. **βέβρωκα** (2d pf. partic. **βεβρωότες**, § 220), pf. mid. **βέβρωμαι**, other forms supplied from **ἐσθίω**, q.v.

**βιώ** (-όω, § 292, 1) *live*, fut. **βιώσομαι** (§ 507), 2d aor. **ἐβίω** (rarely 1st aor. **ἐβίωσα**), 1st pf. **βεβίωκα**, pf. mid. **βεβίωμαι**, vbls. **βιωτός**, **βιωτέος**. (**βιώ-σκομαι**) **ἀνα-βιώσκομαι** (§ 197) *revive*, 1st aor. **ἀνεβιωσάμην** (§ 207, note 3), and 2d aor. **ἀνεβίω** (§ 207, note 3).

**βλάπτω** (§ 194; theme **βλαβ-**) *hurt*, fut. **βλάψω**, 1st aor. **ἔβλαψα**, 2d pf. **βέβλαφα** (§ 219, 1), pf. mid. **βέβλαμαι**, aorists pass. **ἐβλάφθην** (1st) and **ἐβλάβην** (2d).

**βλαστάνω** (§ 196, 2; theme **βλαστ-**) *sprout*, 2d aor. **ἔβλαστον**, 1st pf. **βεβλάστηκα** (§ 190) and sometimes **ἐβλάστηκα** (cf. § 178, 1).

**βάζω** *speak* (poetic), fut. **βάξω**.

**βαίνω**, Homer has 1st aor. with variable vowel **ἐβήσето** (§ 201 b); also a pres. **βά-σκω** (§ 197) = **βαίνω**.

**βάλλω**, epic 2d aor. forms **βλή-την**, **βλή-το** (§ 207 a).

**βι-βά-ω**, **βι-βη-μι** (§ 193, 3; **βα-**, epic = **βαίνω go**), pres. partic. **βιβάζς**.

**βιβρώσκω**, epic poetry has also 2d aor. **ἔβρων**, 1st aor. pass. **ἐβρώθην**.

[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

**βλέπ-ω** (§ 193) *see*, fut. **βλέψομαι** (§ 507), 1st aor. **ἔβλεψα**.

**βλίστω** (for \***μ(β)λίστω**, § 195, 1, from theme **μλίσ-** (**μέλι**, **μέλιτ-ος** *honey*) with sympathetic **β**, before which **μ** disappears) *take honey*, 1st aor. **ἔβλισα**.

**βόσκω** *feed*, fut. **βοσκήσω** (§ 190), vbl. **βοσκητέος** (§ 190).

**βούλ-ομαι** (§ 193; theme **βουλ-** and **βουλε-**, § 190), passive deponent (§ 158, 3) *will, wish*, fut. **βουλήσομαι** (§ 190), 1st aor. **ἐβουλήθην** and **ἠβουλήθην**, perf. **βεβούλημαι**, vbl. **βουλητός**.

**βοῶ** (**-άω**, § 292, 3) *cry out*, fut. **βοήσομαι** (§ 507), 1st aor. **ἐβόησα**.

**βῦνῶ** (**-νέ-ω**, § 196, 4; theme **βυ-**) *stop up*, fut. **βύσω**, 1st aor. **ἐβῦσα**, pf. pass. **βέβυσμαι** (§ 189), vbl. **βυστός**.

**γαμῶ** (**-έω**, §§ 190; 193) *marry* (see § 506), fut. **γαμῶ** (§ 213), 1st aor. **ἔγημα**, pf. **γεγάμηκα** (§ 190), pf. mid. and pass. **γεγάμημαι** (§ 190), vbls. **γαμετός** (§ 188, 1) and **γαμητέος**.

**γελῶ** (**-άω**, § 193) *laugh*, fut. **γελάσομαι** (§§ 188; 507), 1st aor. **ἐγέλασα** (§ 188), 1st aor. pass. **ἐγέλασθην** (§ 189).

**βλώ-σκω** (§ 197; for **μ(β)λω-σκω**, from theme **μλω-** (§ 38, 1) with sympathetic **β**, before which **μ** is lost; theme **μολω-** or **α(ς)λω-**) *go* (poetic), fut. **μολοῦμαι**, 2d aor. **ἔμολον**, 1st pf. **αι-αδλω-κα** (with sympathetic **β**).

**βούλομαι**, Homer has also **βόλομαι** and a 2d pf. act. **προ-βέ-βουλ-α** *prefer*.

**βωῶ**, epic and Ionic fut. **βώσομαι**, 1st aor. **ἔβωσα**, pf. mid. **βέβωμαι**, 1st aor. pass. **ἐβώσθην** (§ 189).

[root **βραχ-**] only 2d aor. **ἔβραχε** *resounded* (infin. **βραχεῖν**), epic.

**βρίζω** *slumber* (epic), 1st aor. **ἔβριξα** (cf. § 195, 2 a).

[root **βροχ**] *swallow* (epic), 1st aor. **ἔβροξα**, 2d pf. **βέβροχα**, 2d aor. pass. partic. **-βροχέls**.

**βρῦχῶμαι** (**-άομαι**) *roar* (poetic), 1st aor. mid. **ἐβρῦχσάμην**, 1st aor. pass. partic. **βρῦχηθels**, 2d pf. (from theme **βρυχ-**) **βε-βρῦχ-α**.

**γά-νν-μαι** (§ 196, 5) *rejoice* (poetic), the epic fut. **γανύσσομαι** (cf. § 201 a) retains **-νν-** of present stem.

**γέ-γων-α** 2d pf. as pres. (§ 535) *shout* (poetic), only partic. **γεγωνώς** (cf. **ἄνωγα**). Other forms are from pres. **γεγώνω** or **γεγωνέω**, fut. **γεγωνήσω**, 1st aor. **ἐγεγώνησα**. Also a present **γεγων-ίσκω** (§ 197).

**γείνομαι** (§ 195, 4) *be born* (poetic), deponent, but 1st aor. **ἐγεινάμην** *begat, bore* (see § 508).

**γέντο** *seized*, epic 2d aor.

[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

(*γηθῶ* (-έω)) *rejoice* (cf. § 190), 2d pf. *γέγηθα* (§ 535).

*γηρά-σκω* (§ 197) and *γηρῶ* (-άω, § 292, 3) *grow old*, fut. *γηράσομαι* (§ 507) rarely *γηράσω*, 1st aor. *ἐγήρᾱσα*, 1st pf. *γεγήρᾱκα*.

*γί-γν-ομαι* (§ 193, 3; theme *γον-*, *γεν-*, *γν-*, § 14) *become*, *be*, fut. *γενήσομαι* (§ 190), 2d aor. *ἐγενόμην* (§ 158, 3), pf. *γεγένημαι*, 2d pf. *γέγονα* (§ 494, 2).

*γί-γνώ-σκω* (§ 197, 1; *γνώ-*) *know*, fut. *γνώσομαι* (§ 507), 2d aor. *ἔγνω* (subj. *γνώ*, opt. *γνοίην*, impv. *γνώθι*, inf. *γνώναι*, partic. *γνούς*, cf. § 256), 1st pf. *ἔγνωκα*, pf. mid. *ἔγνωσμαι* (§ 189), 1st aor. pass. *ἐγνώσθην* (§ 189), vbls. *γνωστός*, *γνωστός* (§ 189).

*γλύφ-ω* *grave*, regular, but pf. mid. *γέγλυμμαι* and *ἔγλυμαι* (cf. § 178, 1).

*γράφ-ω* (§ 193) *write*, fut. *γράψω*, 1st aor. *ἔγραψα*, 2d pf. *γέγραφα*, pf. mid. *γέγραμμαι*, 2d aor. pass. *ἐγράφην*, vbl. *γραπτός*.

*γρύζω* (§ 195, 2; *γρυγ-*) *grunt*, fut. *γρύξομαι* (rarely *γρύξω*, § 507), 1st aor. *ἔγρυξα*.

*δάκ-νω* (§ 196, 1; theme *δακ-*, *δηκ-*, § 13) *bite*, fut. *δήξομαι* (§ 507), 2d aor. *ἔδακον* (§ 208), pf. mid. *δέδηγμαι*, 1st aor. pass. *ἐδήχθην*.

*γηθῶ*, in poetry also fut. *γηθήσω*, and 1st aor. *ἐγήθησα*.

*γίγνομαι*, Ionic *γίνομαι*. For the forms of the 2d pf. (*γε-γά-ᾱσι*, *γε-γά-την*, *γε-γα-νῆα*, etc.) with the weak root *γα-* (for *\*γν-*, § 14 note) see § 219 a. Ionic has also an aor. pass. *ἐγενήθην* (§ 510).

*γινώσκω*, Ionic *γινώσκω*, Herodotus has 1st aor. *ἀνέγνωσα* *convinced*.

*γοάω* *bewail* (epic), fut. *γοήσομαι* (§ 507), 2d aor. (from theme *γο-*) *γόνον* (§ 171 a).

[root *δα-*] *teach* (poetic, cf. *δι-δά-σκω*), 2d aor. *δέδαον* (§ 208, 1 a) and *ἔδαον* (inf. *δεδαέσθαι*, §§ 208, 1 a; 199 b), 1st pf. *δεδάηκα* (§ 190), and 2d pf. partic. *δεδαῶς* (§ 220), pf. mid. *δεδάημαι* (§ 190), 2d aor. pass. as intrans. (see § 514) *ἐδάην* *learned*, fut. pass. as intrans. *δαήσομαι* *shall learn* (§ 514).

*δαῖζω* (§ 195, 2; *δαῖγ-*) *rend* (epic and lyric), fut. *δαῖξω*, 1st aor. *ἐδάϊξα*, pf. mid. *δεδαῖγμαι*, 1st aor. pass. *ἐδαῖχθην*.

*δαι-νῦ-μι* (§ 196, 5) *entertain* (poetic), mid. *feast* (for opt. *δαινῦτο* see § 211, 2 a), fut. *δαίσω*, 1st aor. *ἔδαισα*, 1st aor. pass. partic. *δαισθῆς* (§ 189).

*δαίνομαι* *divide* (epic, cf. *δατέομαι*), pres. subj. *δά(ι)ηται*, pf. mid. *δέδαιμαι*.

*δαίω* (for *\*δαφ-ιω*, §§ 2 a; 195, 4) *kindle* (poetic), 2d pf. *δέδηα* *blaze* (§ 494, 3).

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**δαμάζω** (cf. § 292, 6) *subdue*, 1st aor. **ἐδάμασα**, 1st aor. pass. **ἐδαμάσθην**. (**δαρθ-άν-ω**) (§ 196, 2) *sleep* (usually **κατα-δάρθάνω**), 2d aor. **κατ-έδαρθον**.

1st pf. partic. **κατα-δεδαρθηκώς** (§ 190).

(**δατέομαι**) (cf. **δαίομαι**) *divide*, 1st aor. mid. (**ἀν**)**εδασάμην**, pf. mid. (**ἀνα**)**δέδασμαι** (§ 189), vbl. (**ἀνά**)**δαστος**.

**δέδοικα** *be afraid*, see [δῶ].

**δείκ-νῦ-μι** (§ 196, 5) *show* (also **δεικνύω**), fut. **δείξω**, 1st aor. **ἔδειξα**, etc., regular. See § 254.

**δέρω** (also **δείρω**, § 195, 4; theme **δερ-**, **δαρ-**, § 14, 1) *flay*, fut. **δερῶ**, 1st aor. **ἔδειρα**, pf. mid. **δέδαρμαι** (§ 224, note), 2d aor. pass. **ἐδάρην** (§ 232, 2).

**δέχ-ομαι** (§ 193) *receive*, fut. **δέξομαι**, 1st aor. **ἐδέξάμην**, rarely **ἐδέχθην** (§ 158, 3), pf. **δέδεγμαι**, 1st aor. pass. (§ 510) **ἐδέχθην** (usually in composition), vbl. **δεκτέος**.

**δέω** (for \***δεφ-ω**, § 2 a, § 193, 2 note) *need, lack* (cf. § 199, 2), fut. **δεήσω** (§ 190), 1st aor. **ἐδέησα** (§ 190), 1st pf. **δεδέηκα** (§ 190), pf. mid. **δεδέημαι** (§ 190), 1st aor. pass. **ἐδεήθην** (§ 190). Impersonal **δεῖ** *it is necessary*.

**δισαίω** (**-άω**, § 193) *regulate (life), arbitrate*, fut. **δισαίτησω**, 1st aor. **διήτησα** and **-εδιήτησα** (§ 175, 1 and note), 1st pf. **δεδιήτηκα** (§ 181), pf. pass. **δεδιήτημαι**, 1st aor. pass. **διητήθην**.

**δάμ-νῦ-μι** (§ 196, 3) and (doubtful) **δαμνάω** *subdue* (poetic), pf. mid. **δέ-δμη-μαι** (§ 38, 1), 2d. aor. pass. **ἐδάμην** and rarely 1st **ἐδμήθην** (§ 38, 1). Other forms are supplied from **δαμάζω**; as fut. **δαμάω** or **δαμῶ** (§ 212, 1), 1st aor. **ἐδάμασα** or epic **ἐδάμασσα** (§ 201 a), etc.

**δαρθάνω**, Homer has 2d aor. **ἔδραθον** (§ 38).

**δατέομαι**, Homer has also fut. **δάσομαι** and 1st aor. **έδασσάμην** (§ 201 a).

**δέαται** *appears* (epic), 1st aor. **ἐδοάσατο**.

**δέδια** (epic **δειδια**) *fear*. See [δῖω].

**δεικνῦμι**, Ionic is fut. **δείξω**, 1st aor. **ἔδειξα**, etc.

**δέμ-ω** (§ 193) *build* (Ionic and poetic), 1st aor. **ἔδειμα**, pf. mid. **δέ-δμη-μαι** (§ 38, 1).

**δέρκ-ομαι** (§ 193; theme **δορκ-**, **δερκ-**, **δρακ-**, §§ 14, 1; 38) *look* (poetic), 2d aor. **ἔδρακον** (§ 208), 2d pf. **δέ-δορκ-α** (§ 219, 3), aorists pass. with active meaning (1st) **ἐδέρχθην**, and (2d) **ἐδράκην** (§ 232, 2).

**δέω** *need*, epic usually **δεύομαι**, fut. **δενήσομαι**, 1st aor. **ἐδένυσα**.

**δηριάομαι** (active rare) *contend*. Other tenses from **δηρίομαι**, fut. **δηρίσομαι**, 1st aor. **ἐδηρίσάμην**, and 1st aor. pass. **ἐδηρίνθην** (as if from \***δηρίνω**).



[Attic principal parts in **full-faced** type. Ionic and poetic forms at the bottom of the page.]

**δι-δά-σκω** (§ 197, 1; root *δα-*, q.v., but the present theme (*διδάχ-*?, cf. *διδασχῇ teaching*) has been carried into the other tenses) *teach*, fut. *διδάξω*, 1st aor. *ἔδιδαξα* (see § 515, 1), 2d pf. *δεδίδαχα*, pf. mid. *δεδίδαγμαί*, 1st aor. pass. *ἑδιδάχθην*, vbls. *διδακτός*, *διδακτέος*.

**δι-δρά-σκω** (§ 197, 1; theme *δρᾱ-*), only in composition, *run away*, fut. *δράσομαι* (§ 507), 2d aor. *ἔδρᾱν* (subj. *-δρῶ*, *-ῆς*, *-ῃ*, etc., opt. *-δραῖην* (like *σταῖην*, § 257), infin. *-δρᾶναι*, partic. *-δράς*, *-ᾶσα*, *-άν*), 1st pf. *-δέδρᾱκα*.

**δι-δω-μι** (§ 193, 3; for the inflection see § 252) *give*, fut. *δώσω*, aor. *ἔδωκα* (§ 211, 3; for the inflection see § 256), 1st pf. *δέδωκα*, pf. mid. *δέδομαι* (§ 188, 1), 1st aor. pass. *ἔδοθην* (§ 188, 1), vbls. *δοτός*, *δοτέος*. [*δίω*] theme *δοι-*, *δει-*, *δι-*, § 14, 2 (for *\*δφοι-*, etc.), 1st aor. *ἔδωσα*, 1st pf. *δέδοικα*, and 2d pf. *δέδια*, rare in the singular (cf. §§ 219 a; 220; and the inflection of *ἔστατον* § 258).

**διώκ-ω** (§ 193) *pursue*, fut. *διώξω* or *διώξομαι* (§ 507), etc., regular. For *διωκάθω* see § 191 a.

**δοκᾶ** (*-έω*, § 190) *seem, think*, fut. *δόξω*, 1st aor. *ἔδοξα* (1st pf. *δεδόκηκα*), pf. mid. *δέδογμαί*, 1st aor. pass. *ἔδοχθην*.

**δρῶ** (*-άω*, § 193) *do*, fut. *δράσω*, etc., regular, but 1st aor. pass. *ἑδράσθην* (§ 189), vbl. *δρᾱστέος* (§ 189).

**δύνα-μαι** (§ 193) *be able* (augment sometimes *ῆ-*; for accent of pres. opt. see § 200 note), fut. *δυνήσομαι*, aor. pass. *ἑδυνήθην* (and *ῆδυνήθην*), pf. *δεδύνημαι*, vbl. *δυνατός*.

**δήω**, epic fut. (§ 216) *shall learn*; cf. [*δα-*].

**διδράσκω**, Ionic *διδρήσκω*, *δρήσομαι*, *ἔδρην*, etc. (§ 15 a).

**δίδωμι**, Homer has an unexplained fut. *διδώσω*.

**δίξη-μαι** *seek* (Ionic and poetic) keeps *η* throughout the present (cf. § 200 a), fut. *διξήσομαι*, 1st aor. *ἑδιξησάμην*.

[*δίη-μι*] *make flee*, act. only in impf. 3d pl. *ἐν-διέσαν* *set on*; mid. *flee*, pres. 3d pl. *διενται*, subj. *διώμαι* (cf. § 200 note), opt. 3d sing. *δίοιτο* (§ 170, 4), infin. *διεσθαι*.

[root *δικ-*], only 2d aor. *ἔδικον* *threw*.

[*δίω*] *fear* (epic), impf. *δίων* (§ 171, a), epic 1st aor. *ἔδδεια* (§ 22 a), epic 1st pf. *δεδδοικα* (for *\*δε-δφοι-κα*, § 16), 2d pf. *δεδδια* (§ 16).

**δοκᾶ**, poetic forms are fut. *δοκήσω*, 1st aor. *ἑδόκησα*, pf. mid. *δεδόκημαι*, 1st aor. pass. *ἑδοκήθην* (see § 190).

**δουπᾶ** (*-έω*) *sound* (mostly poetic), fut. *δουπήσω*, etc. regular (§ 187), 2d pf. *δέδουπα*. (Originally *\*γδουπᾶ*, as shown by epic aor. *ἐ-γδούπησαν*.)



[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

**δύ-ω** (§ 193) *cause to enter, enter* (§ 493, 1) (also rarely **δύ-νω** (§ 196, 1) *sink*), fut. **δόσω**, 1st aor. **ἔδῶσα** (trans., § 494, 1), 2d aor. **ἔδυν** (intrans. § 494, 1, for the inflection see § 257), 1st pf. **δέδῶκα** (§ 494, 3), sometimes also **δέδῶκα** transitive, pf. mid. **δέδυμαι**, 1st aor. pass. **ἔδύθην**, vbl. **δυτέος**.

**δῶ** (δέω, § 199, 2 note) *bind*, fut. **δήσω**, 1st aor. **ἔδησα**, 1st pf. **δέδεκα** (§ 188, 1), pf. mid. **δέδεμαι** (fut. pf. **δεδήσομαι**, § 228), 1st aor. pass. **ἔδέθην** (§ 188, 1), vbls. **δετός**, **δητός** (§ 188, 1) and **δετέος**.

**ἐγείρω** (for \*ἐγερ-ιω, § 195, 4; theme ἐγορ-, ἐγερ-, ἐγρ-, § 14) *wake, rouse*, fut. **ἐγερῶ**, 1st aor. **ἤγειρα**, 2d aor. mid. **ἠγρόμην** *awoke*, 2d pf. **ἐγρήγορα** (with sympathetic ρ for \*ἐγ-ηγορα, § 179), 1st aor. pass. **ἠγέρθην**, vbl. **ἐγερτέος**.

**ἐγκωμιάζω** *praise*, takes its augment and reduplication after the preposition (§ 175, 1).

**ἐγχειρῶ**, *attempt*, **ἐγχειρίζω** *put in one's hands*, augment after the preposition (§ 175, 1): as **ἐνεχείρησα**.

[root ἐδ for \*σεδ-, § 36] **ἕζομαι** *sit*, usually **καθέζομαι**, fut. **καθεδούμαι** (cf. § 212, 1), [1st aor. **εἶσα**] 1st aor. mid. **εἰσάμην** (§ 172, 2).

**ἐθέλ-ω** (§ 193), or less often **θέλ-ω** *wish* (impf. ἤθελον), fut. **ἐθελήσω** or **θελήσω** (§ 190), 1st aor. **ἠθέλησα** (§ 190, but subj. ἐθελήσω or θελήσω, opt. ἐθελήσαιμι or θελήσαιμι, etc.), 1st pf. **ἠθέληκα** (§ 190).

**ἐθίζω** (§ 292, 6; theme σφεθ-, § 36 a) *accustom*, fut. **ἐθιῶ** (§ 215), 1st aor. **εἴθισα** (§ 172, 2), 1st pf. **εἴθικα** (§ 180), pf. mid. **εἴθισμαι** (§ 189, note), 1st aor. pass. **εἴθισθην** (§ 172, 2).

[ἔθω (for \*σφεθω, § 36 a)] *be accustomed*, 2d pf. **εἴωθα** *am accustomed* (for \*σε-σφοθαι, cf. §§ 16; 36; 37; 219, 3), 2d plupf. **εἰώθη**.

**εἶδον** *saw* (2d aor.), see [ἰδ-].

**ἐάφθην**, epic 1st aor. pass., probably from root *ῥαπ-* (§ 172, 2) *was tumbled*.

**ἐγείρω**, Homeric forms of 2d pf. are 3d pl. indic. **ἐγρηγόρθᾱσι** (?), 2d pl. impv. mid. **ἐγρήγορθε** (for \*γγορσθε, § 35), infin. mid. **ἐγρηγόρθαι** (for \*γγορσθαι, § 35).

**ἔδω** *eat*, poetic for **ἐσθίω**, *q.v.*, 2d pf. partic. **ἐδηδώς**.

[root ἐδ] epic fut. infin. **ἐσσεσθαι**, 1st aor. **εἶσα** or **ἔσσα** (§ 201 a). See also **ἕζω**.

**ἔθω**, pres. only in partic. **ἔθων** *being accustomed* (epic). **εἴωθα**, epic and Ionic also **ἔωθα**.

**εἶδομαι** *seem* (poetic), 1st aor. **εἰσάμην** and **ἔεισάμην** (§ 172, 2).

[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

**εἰκάω** *liken, guess* (regular) augments usually to ῆ- (cf. § 173, 1).

**εἴκω** *yield* (regular). For **εἵκαθον** see § 191 a.

[root **εἰκ-**, also **ικ-** and **οἰκ-**, § 14, 2 (for \***φεικ-**, etc., § 2 a)], fut. **εἴξω** (cf. § 519 note 2), 2d pf. **ἔοικα** (§ 180) with 3d pl. **εἴξᾱσι** = **εἰοικᾱσι**, 2d plupf. **ἐώκη** (for \***ἐ-φε-φοικη**) and **ῆκη** (cf. plupf. of **οἶδα**, § 259).

**εἴλλω** see **ἔλλω**.

(**εἰλῶ** (-έω)) *press hard, drive together*, 1st aor. pass. (**ἀν**-)**εἰλήθην**.

**εἶμι** *go*, see § 261; **εἰμί** *be*, see § 262.

**εἶπον** *said* (2d aor.), see [**ἐπ-**].

**εἴργω** (§ 193) *shut in or out*, also **εἴργυνμι** and (rarely) **εἴργυνύω** (§ 196, 5) *shut in*, fut. **εἴρξω**, 1st aor. **εἴρξα**, pf. mid. **εἴργμαι**, 1st aor. pass. **εἴρχθην**, vbls. **εἴρκτός**, **εἴρκτέος**. With a rough breathing (**εἴργ-**) the word is said to mean *shut in*, and with a smooth breathing (**εἰργ-**) *shut out*, but the distinction is not always observed.

(**εἴρομαι**) *ask*, fut. **εἴρήσομαι** (§ 190), 2d aor. **ἥρόμην**.

(**εἴρω**) theme **ἐρ-** (for \***φερ-**, § 2 a) and **ῥη-** (for \***φρη**, § 38, 1) *say*, fut. **εἴρῶ**, aor. supplied by **εἶπον** *said*, 1st pf. **εἴρηκα** (§ 178, 2 for \***φε-φρη-κα**, § 16), pf. pass. **εἴρημαι** (fut. pf. **εἰρήσομαι**), 1st aor. pass. **εἴρήθην** (fut. pass. **ῥηθήσομαι**), vbls. **ῥητός**, **-τέος**.

**εἴρω** (§ 195, 4; theme **ἐρ-** for \***σερ-**) *knit, join*, 1st aor. **-εἴρα**, 1st pf. **-εἴрка**, pf. mid. **εἴρμαι** (§ 180).

**ἐκκλησιάζω** *call an assembly*, augment **ἡκκλη-** and **ἐξεκκλη-** (§ 175, 1).

[root **εἰκ-**] fut. **εἴξω** (§ 519, note 2) *shall resemble*. For epic **εἵκτην**, **ἡίκτο**, etc., see § 219 a. Herodotus has also **οἶκα** = **ἔοικα**.

**εἰλύ-ω** (§ 193) *roll* (poetic), fut. **εἰλῶσω** etc. regular, but 1st aor. pass. **εἰλύσθην** (§ 189).

**εἰλῶ** and **εἰλω** (poetic, mostly epic). Other tenses from root **φελ-** point to \***φελλω** as perhaps the proper epic form; 1st aor. **ἔλσα** (**ἔελσα**) (§ 204 a), pf. pass. **ἔελμαι**, 2d aor. pass. **έάλην** (§ 232, 2). Herodotus has 1st aor. **-εἰλησα**, pf. mid. **-εἰλημαι**, 1st aor. pass. **-εἰλήθην**.

**εἴμαρται** *it is fated*. See **μείρομαι**.

**εἴργω**, epic pres. always **ἐέργω** *shut in or out*, other tenses from stem **ἐργ-**, \***φεργ-**, § 2 a). For pf. mid. **ἐρχ-αται**, plupf. (**ἐ**)**ἐρχ-ατο**, see § 226 a.

For **εἴργαθον**, see § 191 a. Herodotus commonly has **ἐργω**.

**εἴρομαι** *ask* (Ionic), fut. **εἰρήσομαι** (§ 190); cf. **ἐρέω**.

**εἴρω** *say* (epic only), fut. **ἐρέω**, also 1st aor. pass. **εἰρήθην** (§ 172, 2).

**εἴρω** *join*, epic 1st aor. **ἔρσα** (§ 204 a), epic pf. mid. partic. **ἐρμένος**.

**εἶσα**. See [**ἐδ-**].

[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

ἐλαύνω (for \*ἐλα-νυ-ω, § 196, 5, theme ἐλα-) *drive*, fut. ἐλῶ (212, 1), 1st aor. ἤλασα, 1st pf. ἐλήλακα, pf. pass. ἐλήλαμαι, 1st aor. pass. ἤλάθην, vbl. ἐλατέος.

ἐλέγχω (§ 193) *examine, confute*, fut. ἐλέγξω, etc., regular, but pf. mid. ἐλήλεγμαι (§§ 179, 247).

ἐλελίξω *raise the war-cry*, 1st aor. ἤλελιξα.

ἐλίσσω, ἐλίσσω (§ 195, 1; ἐλικ-) *roll*, fut. ἐλίξω, 1st aor. ἐλίξα (§ 172, 2), pf. pass. ἐλίγμαι (§ 180), 1st aor. pass. ἐλίχθην (§ 172, 2), vbl. ἐλικτός.

ἐλκω (§ 193), *draw*, fut. ἐλξω, other tenses from theme ἐλκυ-. 1st aor. ἐλκυσσα (§ 172, 2), 1st pf. ἐλκυκα (§ 180), pf. mid. ἐλκυσμαι (§§ 180; 189), 1st aor. pass. ἐλκύσθην (§§ 172, 2; 189), vbls. ἐλκτέος. ἐλκυστέος.

[root ἐλυθ-, ἐλθ-, § 20], only 2d aor. ἤλθον (impv. ἐλθέ, § 210, note). and 2d pf. ἐλήλυθα (§ 179). See ἔρχομαι.

ἐμῶ (-έω) *omit*, fut. ἐμοῦμαι (§§ 507; 212, 1), 1st aor. ἤμεσα (§ 185).

ἐν-εδρεύω, *waylay, lie in ambush*, augment ἐν-ηδ- (§ 175, 1).

[root ἐνεκ-] ἤνεγκα, ἐνήνοχα, ἐνήνεγμαι, etc., cf. φέρω.

ἐνθυμούμαι (-έομαι) *consider*, augment ἐν-εθῦμ- (§ 175, 1).

(ἐν-νῦ-μι, § 196, 5, note) in prose regularly ἀμφιέννυμι *clothe*, fut. ἀμφιῶ, 1st aor. ἡμφέεσα (§ 174, 1), pf. mid. ἡμφέεσμαι (§ 181).

ἐλεῖν. See αἰρῶ.

ἐλελίξω *turn round* (poetic), 1st aor. ἐλέλιξα (§ 171 a), 1st aor. pass. ἐλελίχθην (§ 171 a).

ἐλίσσω, Ionic ἐλίσσω and ἐλίσσω (§ 22).

ἐλπω *cause to hope* (mid. *hope*) epic, 2d pf. ἐόλπα (for \*φε-φολπ-α, §§ 180; 219, 3), 2d plupf. ἐώλπεα (for \*ε-φε-φολπεα, § 17).

[root ἐλυθ-], poetic 2d aor. ἤλυθον (cf. § 20), epic 2d pf. εἰλήλουθα and ἐλήλουθα (§ 219 note 1), Ionic and poetic fut. ἐλεύσομαι (§ 507, for \*ἐλευθ-σομαι §§ 30; 186, 2).

ἐναίρω (§ 195, 4; ἐναρ-) *kill* (poetic), 2d aor. ἤναρον.

ἐν-έπω and ἐν-νέπω (§ 193; theme σεπ-, σπ-, § 14) *tell, say* (poetic), fut. ἐνι-σπήσω (§§ 406 a; 38, 1), 2d aor. ἐνι-σπον (§§ 406 a; 208; 171 a), subj. ἐνι-σπῶ, opt. ἐνι-σποιμι, impv. ἐνι-σπες (§ 170, note 1, ἐνισπε?), 2d pl. impv. ἔσπετε (for \*ἐν-σπετε, § 34), infin. ἐνι-σπεῖν.

ἐν-ίσσω (§ 195, 1) also ἐν-ίπ-τω (§ 194) *hide* (epic), 2d aor. ἐν-ἐν-ῖπον (§ 208, 1 a, cf. § 181) and ἡνίπαπον.

ἐννῦμι, epic fut. ἔσσω, 1st aor. ἔσσα (§ 171 a) and ἔεσα (for \*ἐ-φεσσα, § 172, 2), pf. mid. ἔσμαι and εἶμαι (partic. εἰμένος also in Attic tragedy).

[Attic principal parts in **full-faced** type. Ionic and poetic forms at the bottom of the page.]

ἐνοχλῶ (-έω), *harass*, augment usually ἡν-ωχ- (§ 175, note).

ἔοικα *am like*, see [εἰκ-].

ἐορτάζω *keep a festival*, augment ἐώρ- (for ἦορ-, § 17).

[root ἐπ- (for *φεπ-*, § 2 a)] *say*, only 2d aor. **εἶπον** (§ 208, 1), or (seldom in prose) **εἶπα** (§ 207, note 1), subj. εἴπω, opt. εἴποιμι, impv. εἶπέ (§ 210, note), infin. *εἰπεῖν*, partic. *εἰπών*.

ἐπισταμαι (§ 193) *know, understand* (impf. ἡπιστάμην; for accent of pres. opt. see § 200, note), fut. ἐπιστήσομαι, aor. ἡπιστήθην (§ 158, 3).

ἐπιστατῶ (-έω) *oversee*, augment ἐπεστ- (§ 175, 1).

ἐπιτηδεύω *practise*, augment ἐπετη- (§ 175, 1).

ἐπιτροπεύω *be a guardian*, augment ἐπετροπ- (§ 175, 1).

ἔπ-ομαι (§ 193; theme ἐπ- for \*σεπ-, § 36, and σπ-, § 14), *follow* (impf. εἰπόμεν, § 172, 2 with irregular breathing), fut. ἔψομαι, 2d aor. ἐσπόμην (§ 208, with irregular breathing, subj. σπῶμαι, opt. σποίμην, etc.).

ἐπριάμην *bought*, see [πρια-].

(ἐρα-μαι, § 193; deponent passive, § 158, 3), present in prose supplied by ἐρῶ (-άω) *love*, 1st aor. ἡράσθην, *fell in love* (§ 529), fut. ἐρασθήσομαι *shall fall in love* (§ 519, note 2), vbl. ἐραστός.

ἐργάζομαι (§ 292, 6; theme *φεργ-*, § 2 a) *work*; augment εἰ- (§ 172, 2) rarely ἦ-; reduplication always εἰ- (§ 180), 1st aor. **εἰργασάμην**, pf. **εἰργασμαι** (§ 189), 1st aor. pass. **εἰργάσθην** (§ 510), vbl. ἐργαστέος.

ἔπω *be busy about, handle* (Ionic and poetic), fut. ἔψω, 2d aor. ἔ-σπον (subj. σπῶ, etc., infin. *σπεῖν*, partic. *σπών*). For 2d aor. mid., subj., opt., etc., Homeric Mss. often have ἔσπωνμαι, ἐσποίμην, etc., following an elided vowel, but these can always be read σπῶμαι, σποίμην, without the preceding elision; as ἄμα σπέσθαι for ἄμ' ἐσπέσθαι. Some editors contend for a reduplicated aorist without augment, \*σε-σπ-, giving ἐσπ-. Homer has 2d sing. impv. σπεῖο(?). Herodotus has 1st aor. pass. *περι-έφθησαν* (§ 171 b).

ἔραμαι *love* (poetic), in poetry also aor. mid. ἡρασ(σ)άμην.

ἔργω. See εἶργω.

ἔρδω (§ 195, 2, for \*φεργ-ω = \*φερζω (*i.e.* \*φερσδω, § 11) = *φέρδω*, § 35) *do* (Ionic and poetic, cf. *ρέζω*), fut. ἔρξω, 1st aor. ἔρξα (§ 171 a), 2d pf.

ἔοργα (for \*φε-φοργ-α, § 180), 2d plupf. ἐώργεα (for \*ἐ-φε-φοργεα, § 17).

ἐρείδ-ω (§ 193) *support, prop* (mostly poetic), regular, but pf. mid. ἐρ-ἥρεισμαι (§§ 179, 189), Homeric 2d pl. ἐρ-ἡρίδ-αται (§ 226 a), plupf. ἐρ-ἡρίδ-ατο (Mss. *ἐρηρέδαται*, -έδατο; see § 219 a).

[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

ἔρπ-ω *creep* (impf. εἶρπον § 172, 2), fut. ἔρψω.

ἔρρ-ω (§ 193), *go away, perish*, fut. ἐρρήσω (§ 190), 1st aor. ἤρρησα (§ 190), 1st pf. (εἶσ-)ἤρρηκα (§ 190).

ἔρχομαι (§ 193) *go, come*, only in pres. and impf.; fut. supplied (§ 164) by pres. of εἶμι *go* (§ 261, 2), aor. supplied (§ 164) by 2d aor. ἦλθον, and pf. by 2d pf. ἐλήλυθα. See [ἐλυθ-].

[root ἐρ-] *ask*, see (εἶρομαι).

ἐσθίω (probably for \*ἐδ-θι-ω, §§ 26; 191 a: 195) *eat* (impf. ἥσθιον), fut. ἔδομαι (§ 216), aor. supplied by 2d aor. ἔφαγον. 1st pf. ἐδήδοκα (§ 179), pf. mid. ἐδήδεσμαι, 1st aor. pass. ἡδέσθην, vbls. ἐδεστός, -τέος.

ἐστιῶ (-άω) *entertain*, augments to εἶ- (§ 172, 2).

(εὐδω, § 193) usually καθ-εύδω, *sleep* (impf. καθηῖδον and ἐκάθευδον, § 174, 1), fut. καθευδήσω (§ 190), vbl. καθευδητέον (§ 190).

εὐρ-ίσκ-ω (§ 197; εὐρ-, εὔρε-, § 190) *find*, fut. εὐρήσω (§ 190), 2d aor. ηὔρον (impv. εὔρέ, § 210, note), 1st pf. ηὔρηκα (§ 190), pf. mid. εὔρημαι (§ 190), 1st aor. pass. εὔρέθην (§ 188, 1), vbls. εὔρετός, -τέος (§ 188, 1).

εὐφραίνω (§ 195, 4; εὐφραν-) *cheer*, fut. εὐφρανῶ, 1st aor. ηὔφρανα (§ 204, note 2), 1st aor. pass. ηὔφράνθην.

ἐρελκ-ω (§ 193, 2) *tear* (Ionic and poetic) 1st aor. ἤρεια, also 2d aor. (both trans. and intrans., § 207 note 3) ἤρικον, pf. mid. ἐρ-ήριγ-μαι (§§ 179; 219 a).

ἐρελπω *overthrow*, epic 2d pf. ἐρ-ήριπα (§§ 179; 219, note 2), pf. mid., 3d sing. ἐρ-έριπτο (§ 179 a).

ἐρέσσω (§ 195, 1; ἐρετ-) *row* (poetic) epic 1st aor. ἤρεσ(σ)α.

ἐρέω *ask* (epic).

ἐρίζω (§ 195, 2; ἐριδ-) *contend*, epic 1st aor. ἤρισ(σ)α (§ 201 a).

ἔρω poetic also ἐρπύζω, 1st aor. εἶρπυσα (§ 172, 2).

ἐρρυγ-άν-ω (§ 196, 2) *eruct*, 2d aor. ἤρρυγον.

ἐρύκω (§ 193) and ἐρύκ-άν-ω (§ 196, 2) *hold back*, epic 2d aor. ἤρέκακον.

ἐρῶ-μαι and εἶρν-μαι (for \*ἐφρνμαι) *protect, watch* (Ionic and poetic), pres. 3d pl. εἰρύ-αται (§ 167 d), impf. εἰρύατο (§ 167 d), fut. ε(ι)ρύσ(σ)ομαι, 1st aor. ε(ι)ρύσ(σ)άμην. Forms often coincide with those of ἐρύω.

ἐρύ-ω (§ 193; theme φερν-, § 2 a) *draw* (Ionic and poetic), fut. ἐρύω (§ 216), fut. mid. ἐρύσσομαι, 1st aor. εἶρυσα (§ 172, 2) and ἔρυσα (§ 171 a), pf. mid. εἶρῶμαι and εἶρυνσαι (§ 189), 3d pl. εἰρύ-αται (§ 226 a). Forms often coincide with those of ἔρῶμαι.

ἔσθω, poetic for ἐσθίω *eat*, epic 2d pf. partic. ἐδηδώς.

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εὖχ-ομαι (§ 193, εὖχ-) *pray, boast*, middle deponent (§ 158, 3), fut. εὐξομαι, 1st aor. ηὐξάμην, pf. ηὐγγμαι.

(ἐχθω) *hate* (ἀπ-)εχθ-άνο-μαι (§ 196, 2) *make oneself hated* (middle deponent, § 158, 3), fut. (ἀπ-)εχθήσομαι (§ 190), 2d aor. (ἀπ-)ηχθόμην, pf. (ἀπ-)ήχθημαι (§ 190).

ἔχ-ω (§ 193, stem ἐχ- for \*σεχ-, §§ 36; 40, σχ-, § 14, σχε-, § 38) *have* (impf. εἶχον, § 172, 2), fut. ἔξω or σχήσω (§ 519, note 2), 2d aor. ἔσχον (§ 208, subj. σχῶ, opt. σχοίμι or σχοίην, impv. σχές, § 170, note 1, infin. σχεῖν, partic. σχών), 1st pf. ἔσχηκα, pf. mid. ἔσχημαι, as aor. pass. ἔσχόμην is used (§ 515, 1), [1st aor. pass. ἐσχήθην, *late*], vbals. ἐκτός, σχετός, and ἐκτέος, σχετέος.

ἔψω (§ 193) *cook*, fut. ἐψήσω (§ 190), 1st aor. ἤψησα (§ 190), vbl. ἐφθός (for \*ἐψ-τος, § 35), ἐψητός (§ 190).

ἐῶ (-άω, § 193) *let alone, allow*, fut. ἐάσω (§ 187; for ἐάσομαι as pass. see §§ 515, 1; 519, note 2), 1st aor. εἶᾱσα, etc., regular, but augment and reduplication εἰ- (§§ 172, 2; 180).

ζεύγ-νῦ-μι (§ 196, 5; theme ζευγ-, ζυγ-, § 14, 2), *yoke, join*, fut. ζεύξω, 1st aor. ἔζευξα, pf. mid. ἔζευγμαι, 2d aor. pass. ἐζύγην (§ 232, 2).

ζέω (§ 199, 2) *boil*, fut. ζέσω (§ 188), 1st aor. ἔξεσα (§ 188).

ζῶ (ζῆς, ζῆ, etc., § 199, 3) *live*, fut. ζήσω (and ζήσομαι, § 507). Other forms supplied (§ 164) by βιώ *live*.

ζών-νῦ-μι (§ 196, note) *gird*, 1st aor. ἔζωσα, pf. mid. ἔζωμαι.

ἦβῶ (-άω) *be vigorous*, also ἦβά-σκω (§ 197) *to come to man's estate*, fut. ἠβήσω, etc. regular.

ἡδ-ομαι (§ 193) *be pleased*, 1st aor. ἡσθην (§ 158, 3), fut. ἡσθήσομαι (§ 158, 3).

ἦλθον *came*, see [ἐλυθ-].

ἦμαι *sit*, see § 265.

ἦμί *say*, see § 266.

ἡνεγκον *bore*, cf. [ἐνεκ-] and φέρω.

ἡττῶμαι (-άομαι) *be vanquished*, regular passive deponent (158, 3); fut. both ἡττήσομαι and ἡττηθήσομαι (§ 519, note 2).

ἐῶ, pres. εἶω (doubtful) occurs in Homer according to the Mss.

ζεύγνυμι, 1st aor. pass. (mostly poetic and Ionic) ἐζεύχθην.

ἦβῶ (-άω) *be vigorous*. Homer has ἦβάω with long *ā*. (See § 199 b.)

ἡττῶμαι. Herodotus has ἐσσοῦμαι (*i.e.* -δομαι), etc.



[Attic principal parts in **full-faced** type. Ionic and poetic forms at the bottom of the page.]

**θάπ-τω** (§ 194; theme **θαφ-**, § 41) *bury*, fut. **θάψω**, 1st aor. **ἔθαψα**, pf. mid. **τέθαμμαι**, 2d aor. pass. **ἐτάφην**, vbl. **θαπτός**.

**θαυμάζω** (§ 292, 6) *admire*, fut. **θαυμάσομαι** (§ 507), otherwise regular. **θέλω** *wish*, see **ἔθελω**.

**θερμαίνω** (§ 195, 4) *warm*, regular, but 1st aor. **ἐθέρμηνα** (§ 204, note 2)

**θέω** (§ 193, note) *run*, fut. **θεύσομαι** (§ 507), other forms supplied by other verbs (§ 164).

**θλίβ-ω** (§ 193, 1) *press*, fut. **θλίψω**, 1st aor. **ἔθλιψα**, 2d perf. **τέθλιφα** (§ 219, 1), (pf. mid. **τέθλιμμαι**), 1st aor. pass. **ἐθλίφθην**.

(ἀπο-) **θνήσκω** (§ 197, suffix **-ισκ-** contrary to § 197; theme **θαν-**, **θνη-**, § 38, 1) *die*, fut. (ἀπο-) **θανοῦμαι**, 2d aor. (ἀπο-) **ἔθανον**, 1st pf. **τέθνηκα**, but often 2d pf. **τέθνα-τον**, etc., see § 220 (2d pf. partic. **τεθνεώς** is for **τεθνηώς**, cf. § 17), fut. pf. **τεθνήξω** (§ 230). In prose regularly ἀποθνήσκω, but pf. **τέθνηκα**.

**θράττω** (§ 195, 1; **θραχ-**), *disturb*, 1st aor. **ἔθραξα**, 1st aor. pass. **ἐθράχθην**; see **παράττω**.

**θραύ-ω** (§ 193) *bruise*, fut. **θραύσω**, 1st aor. **ἔθραυσα**, pf. mid. **τέθραυμαι**, and **τέθραυσμαι** (§ 189), 1st aor. pass. **ἐθραύσθην** (§ 189).

**θρέξομαι**, see **τρέχω**.

**θρύπ-τω** (§ 194; theme **θρυφ-**, § 41) *crush* or *weaken*, fut. mid. **θρύψομαι** (1st aor. **ἔθρυψα**), pf. mid. **τέθρυμμαι**, 1st aor. pass. **ἐθρύφθην**.

**θρώσκω** (§ 197, suffix **-ισκ-** contrary to § 197; theme **θωρ-**, **θρω-**, § 38, 1) *har*, fut. **θοροῦμαι** (§ 507), 2d aor. **ἔθορον**.

**θάλλω** (§ 195, 3), *bloom* (poetic), 2d pf. **τέθηλα** *be in bloom* (§ 535). For **θαλ-έθω** see § 191 a.

**θάπτω**, 1st aor. pass. **ἐθάφθην**, rarely in Herodotus.

**θείνω** (§ 195, 4; **θεν-**) *smile* (poetic), fut. **θενῶ**, 1st aor. **ἔθεινα** (epic), 2d aor. **ἔθενον**.

**θέρομαι** *warm one's self* (poetic), fut. **θέρσομαι** (cf. § 213 a), 2d aor. pass. as intrans. (§ 514) **ἐθέρην** (only subj. **θερέω**, § 233, 1 a).

[root **θη-**] *milk*, only pres. infin. **θησθαι** (§ 200 a) and 1st aor. **ἐθησάμην**.

**θηέομαι** *gaze at, admire* (epic for **θεῶμαι** (-άομαι)), fut. **θηήσομαι**, 1st aor. **ἐθησάμην**.

**θιγ-γάνω** (§ 196, 2; **θιγ-**) *touch* (poetic, rare in prose), fut. **θίξομαι** (§ 507), 2d aor. **ἔθιγον**.

**θλῶ(-άω)** *bruise* (Ionic and poetic), 1st aor. **ἔθλασα**, pf. mid. **τέθλασμαι** (§ 189), 1st aor. pass. **ἐθλάσθην** (§ 189).

**θρύπτω**, Homer has 2d aor. pass. **ἐθρύφθην** (§ 41).



[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

θύω (§ 193, 1) *sacrifice*, fut. θύσω, 1st aor. ἔθυσα, 1st pf. τέθυκα, pf. mid. τέθυμαι, 1st aor. pass. ἐτύθην (§ 40).

[root ἰδ- for \*φιῶ, § 2 a) *see*, 2d aor. εἶδον *saw* (for \*ἐφιδον, § 172, 2; impv. ἰδέ, § 210, note), 2d pf. οἶδα *know* (οἶδ-, εἶδ-, ἰδ-; for the inflection see § 259), fut. εἴσομαι, vbl. ἰστέος.

ιδρῶ (-όω) *sweat*, sometimes contracts to ω instead of ου (as partic. dat. sing. ἰδρῶντι), fut. ἰδρώσω, etc., regular.

ἔ-μαι (§ 193, theme \*φιε-, cf. Latin in-ei-tus) *strive, desire*, usually in composition as παρ-ί-μαι *beg*. Its forms cannot be distinguished from those of ἔημι.

ἕζω (for \*σι-σδω, § 193, 3) usually καθ-ίζω, *seat or sit* (impf. ἐκάθιζον, § 174, 1), fut. καθιῶ (§ 215), 1st aor. καθίσα and ἐκάθισα (§ 174, 1).

ἔημι (for \*σι-σημι, § 193, 3) *send*; for the inflection see § 260, fut. ἥσω, aor. ἤκα (see § 211, 3), 1st pf. εἶκα (§ 180), pf. mid. εἶμαι (§ 180), 1st aor. pass. εἶθην (§ 172, 2).

(ἀφ-)ἰκνοῦμαι (-έομαι) (§ 196, 4; ἰκ-) *come* (middle deponent, § 158, 3), fut. (ἀφ-)ἰκόμην, pf. (ἀφ-)ἔγμαι.

ἰλά-σκομαι (§ 197) *propitiate* (middle deponent, § 158, 3), fut. ἰλάσομαι, 1st aor. ἰλασάμην, 1st aor. pass. ἰλάσθην (§ 510).

ἔλλω (§ 195, 3) *roll*, 1st aor. ἔλα (sometimes printed εἶλλω and εἶλα).

ἵστημι (§ 193, 3; for \*σι-στημι, § 36) *set, place* (for the inflection see § 253), fut. στήσω, 1st aor. ἕστησα *caused to stand* (§ 207, note 3), 2d aor. ἕστην *stood* (§ 207, note 3; inflection § 257), 1st pf. ἕστηκα (for \*σε-στηκα, § 36; plupf. εἰστήκη for \*ἐ-σε-στηκη), with 2d pf. ἕστατον, etc. (§ 258), 1st aor. pass. ἐστάθην, vbls. στατός, στατέος.

θῶω and θόνω (§ 196, 1) *rush* (poetic).

ἰάλλω, Attic ἰάλλω (§ 195, 3) *put forth, send* (poetic), fut. ἰαλῶ, 1st aor. ἔηλα. ἔημαι (for \*φιεμαι) *desire*. In Homer always with long ι and almost always with initial ϕ, (epic) 1st aor. (ἐ)εἰσάμην.

ἔημι (see § 260 a), for Ionic μεμετιμένος see μεθίημι.

ἰκνοῦμαι, poetic are also ἔκω and ἰκ-άνω (§ 196, 2), epic 1st aor. ἔξον (§ 201 b), ἰλάσκομαι. epic is also pres. ἰλάομαι (and possibly ἔλαμαι), 1st aor. ἰλασσάμην (§ 201 a), 1st pf. ἔληκα (§ 494, 3) *be propitious*, 2d pf. impv. only ἔλη-θι (§ 220).

ἰμάσσω (§ 195, 1; ἰμαντ-) epic 1st aor. ἔμασα (§ 171 a) and ἔμασσα (§ 201 a).

ἰμείρω (§ 195, 4; ἰμερ-) *long for* (Ionic and poetic), also deponent ἰμείρομαι, aor. ἰμεράμην (epic), aor. ἰμέρθην (Ionic); see § 158, 3.

[Attic principal parts in **full-faced** type. Ionic and poetic forms at the bottom of the page.]

**ἰσχυαίνω** (§ 195, 4) *make lean or dry*, fut. **ἰσχανῶ**, 1st aor. **ἰσχνᾶνα** (§ 204, note 2), 1st aor. pass. **ἰσχνάνθην**.

**ἴσχω** (§ 193, 3, for \*σι-σχ-ω, §§ 36, 40) *have, hold*, cf. **ἔχω**.

**καθαίρω** (§ 195, 4; **καθαρ-**) *purify*, fut. **καθαρῶ**, 1st aor. **ἐκάθηρα** and **ἐκάθᾱρα** (§ 204, note 2), pf. mid. **κεκάθαρμαι**, 1st aor. pass. **ἐκαθάρθην**.

**καθ-έζομαι** *sit down*, see **ἕζομαι**; for impf. **ἐκαθεζόμεν** see § 174, 1.

**καθ-εύδω** *sleep*, see **εὕδω**.

**καθ-ίζω** *set, sit*, see **ἵζω**.

**καίνω** (§ 195, 4; theme **κον-**, **καν-**, § 14, 1) *kill*, fut. **κανῶ**, 2d aor. **ἔκανον**, 2d pf. **κέκονα** (§ 219, 3).

**καίω** (for **καφ-ιω**, § 195, 4; theme **καν-** or **καφ-**, § 2 a), also **κάω** (§ 21) *burn*, fut. **καύσω**, 1st aor. **ἔκαυσα**, 1st pf. **κέκαυκα**, pf. mid. **κέκαυμαι**, 1st aor. pass. **ἐκαύθην**.

**καλινδοῦμαι** (-έομαι) *wander about*, cf. **κυλίνδω**.

**καλύπτω** (§ 194; **καλυβ-**) *cover*, fut. **καλύψω**, 1st aor. **ἐκάλυψα**, pf. mid. **κεκάλυμμαι**, 1st aor. pass. **ἐκαλύφθην**.

**καλῶ** (-έω) *call*, fut. **καλῶ** (§ 212, 1), 1st aor. **ἐκάλεσα** (§ 188), 1st pf. **κέκληκα** (§ 218, 3), pf. mid. **κέκλημαι** (§ 224, 1), 1st aor. pass. **ἐκλήθην** (§ 38, 1), vbls. **κλητός**, **κλητέος**.

**κάμ-νω** (§ 196, 1; **καμ-**) *labor*, fut. **καμοῦμαι** (§ 507), 2d aor. **ἔκαμον**, 1st pf. **κέκμηκα** (§ 218, 3).

**κάμπ-τω** (§ 194; **καμπ-**) *bend*, fut. **κάμψω**, 1st aor. **ἔκαμψα**, pf. mid. **κέκαμμαι** (§ 247), 1st aor. pass. **ἐκάμφθην**, vbl. **καμπ-τός**.

**κατηγορῶ** (-έω) *accuse*, for the augment **κατῆ-** see § 175, 1.

**κεῖ-μαι** (§ 193) *lie* (for the inflection see § 264), fut. **κείσομαι**.

**κείρω** (§ 195, 4; theme **κερ-**, **καρ-**) *shear*, fut. **κερῶ**, 1st aor. **ἔκειρα**, pf. mid. **κέκαρμαι** (§ 224, note), 2d aor. pass. **ἐκάρην** (§ 232, 2).

**καί-νω-μαι** (§ 196, 5) *excel* (poetic), pf. **κέκασμαι** (§ 535).

**καίω**, epic 1st aor. **ἔκηα** (i.e. \*ἐ-κηφ-α, § 204) and 1st aor. partic. **κέās** (poetic), also 2d aor. pass. as intrans. (§ 514) **ἐκάην** *burned* (epic and Ionic).

**κεάζω** *split* (epic), fut. **κεάσω**, 1st aor. **ἐκέασ(σ)α**.

**κείρω**, epic 1st aor. **ἔκερσα** (§ 204 a), also poetic 1st aor. pass. **ἐκέρθην**.

**κέ-καδον**, epic 2d aor. (§ 208, 1 a) only partic. act. **κεκαδών** *depriving*, and 3d pl. mid. as pass. (§ 515, 1 a) **κεκαδόντο** *were made to retire*.

Fut. from aor. stem (§ 519 a) **κε-καδή-σω** (§ 190) *shall deprive*.

[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

κελεύ-ω (§ 193) *command*, fut. κελεύσω, 1st aor. ἐκέλευσα, 1st pf. κεκέλευκα, pf. mid. κεκέλευσμαι (§ 189), 1st aor. pass. ἐκελεύσθην (§ 189).  
κεράν-νῦ-μι and κεραν-νύ-ω (§ 196, note; theme κερα-, possibly for \*κερασ-) *mix*, 1st aor. ἐκέρασα, pf. mid. κέκρᾱμαι (§ 38, 1), 1st aor. pass. ἐκεράσθην, and ἐκράθην (§ 38, 1).

κερδαίνω (§ 195, 4) *gain*, fut. κερδανῶ, 1st aor. ἐκέρδᾱνα (§ 204, note 2).  
κηρύττω (§ 195, 1; κηρῦκ-) *proclaim*, fut. κηρύξω, 1st aor. ἐκήρυξα, 2d pf. pf. κέκηρυχα, pf. mid. κέκηρυγμαι, 1st aor. pass. ἐκηρύχθην.

κί-χρη-μι (§ 193, 3; χρα-, χρη-, § 13) *lend* (mid. *borrow*, § 506), fut. χρήσω, 1st aor. ἔχρησα, 1st pf. ἐχέρηκα, pf. mid. κέχρημαι.

κλάζω (§ 195, note 1; κλαγγ-) also κλαγγ-άνω (§ 196, 2), *resound*, *scream*, fut. κλάγξω, 1st aor. ἔκλαγξα, 2d pf. κέκλαγγα.

κλαίω (for \*κλαφ-ιω, § 195, 4; theme κλαν- or κλαφ-, § 2 a), also κλάω (§ 21) *weep*, fut. κλαύσομαι (§ 507) rarely κλαυσοῦμαι (§ 214) or κλαήσω (§ 190); 1st aor. ἔκλαυσα, pf. mid. κέκλαυμαι.

κέλλω (§ 195, 3) *land* (of ships); poetic for δέκλω, fut. κέλσω (§ 213 a), 1st aor. ἔκελσα (§ 204 a).

κέλομαι *order* (poetic = κελεύω), fut. κελήσομαι (§ 190), 1st aor. ἐκελησάμην (§ 190), and epic 2d aor. ἐ-κε-κλ-όμην (§§ 208; 208, 1 a).

κεντῶ(-έω) *prick* (with a goad) Ionic and poetic; fut. κεντήσω, etc., regular, but Homer has 1st aor. infin. κένσαι (for \*κεντ-σαι, cf. § 204 a).

κεράννυμι, Ionic and poetic also κίρ-νη-μι and κινῶ(-άω) and epic pres. impv. κέραιε.

κερδαίνω Ionic 1st aor. ἐκέρδῃνα (cf. § 204, note 2). Herodotus has also forms from a stem κερδε-; as fut. κερδήσομαι (§ 507), 1st aor. ἐκέρδῃσα.

κεύθω (§ 193) *hide* (poetic), fut. κεύσω, 1st aor. ἔκευσα, 2d aor. ἔκυθον, with subj. κεκύθω (§ 208, 1 a), 2d pf. κέ-κενθ-α (§ 219, note 1) with pres. meaning (§ 535).

κῆδω *make concerned* (poetic), mid. *be concerned*, fut. κηδήσω (§ 190) and κεκαδήσω (§ 519 a), 1st aor. ἔκηδησα (§ 190) and aor. mid. (once) ἐκηδεσάμην (§ 188), 2d pf. κέ-κηδ-α (§ 535) *be concerned* (§ 494, 3).

κιγχάνω (§ 196, 2; theme κιχ-), also epic κιχᾶω *come upon, reach* (poetic), fut. κιχήσομαι (§§ 190; 507), 2d aor. ἔκιχον, also 2d aor. pass. as intrans. (§ 514) ἐκίχην (subj. κιχήω, pl. κιχήμεν, etc., § 233, 1 a; Mss. κιχείω, etc.). A mid. partic. κιχήμενος is perhaps to be referred to a theoretical \*κίχημι.

κίδνημι *scatter* = σκίδνημι, q.v.

κίρνημι. See κεράννυμι.

κλάζω, poetic 2d aor. ἔκλαγον, poetic 2d pf. κέκληγα (§ 219, 2).

[Attic principal parts in **full-faced** type. Ionic and poetic forms at the bottom of the page.]

**κλέπ-τω** (§ 194; **κλοπ-**, **κλεπ-**, **κλαπ-**, § 14, 1) *steal*, fut. **κλέψω**, 1st aor. **ἔκλεψα**, 2d pf. **κέκλοφα** (§ 219, 1 and 3), pf. mid. **κέκλεμμαι**, 2d aor. pass. **ἐκλάπην** (§ 232, 2).

**κλῆ-ω**, later **κλείω** (§ 193) *shut*, fut. **κλήσω**, 1st aor. **ἔκλησα**, 1st pf. **κέκληκα**, pf. mid. **κέκλημαι**, 1st aor. pass. **ἐκλήσθην** (§ 189).

**κλίνω** (for \***κλιν-ω**, § 195, 4) *bend, incline*, fut. **κλινῶ** (§ 213), 1st aor. **ἔκλινα** (§ 204), pf. mid. **κέκλιμαι**, 1st aor. pass. **ἐκλίθην**, and sometimes 2d aor. pass. **ἐκλίνην**.

**κλῶ** (**-άω**) *break*, (fut. **κλάσω**), 1st aor. **ἔκλασα**, pf. mid. **κέκλασμαι** (§ 189), 1st aor. pass. **ἐκλάσθην** (§ 189).

**κναιῶ** (§ 193) *scrape*, fut. **κναισω**, 1st aor. **ἔκναισα**, 1st pf. **κέκναικα**, pf. mid. **-κέκναισμαι** (§ 189), 1st aor. pass. **ἐκναισθην** (§ 189).

**κνῶ** (**κνῆς**, **κνῆ**, etc., § 199, 3) = **κναίω** *scrape*, 1st aor. **ἔκνησα**, pf. mid. **κέκνησμαι** (§ 189), 1st aor. pass. **ἐκνήσθην** (§ 189).

**κομίζω** (§ 195, 2; **κομιδ-**) *care for, carry*, fut. **κομιῶ** (§ 215), 1st aor. **ἐκόμισα**, 1st pf. **κεκόμικα**, pf. mid. **κεκόμισμαι** (§ 189, note), 1st aor. pass. **ἐκομίσθην** (§ 189, note).

**κόπ-τω** (§ 194; **κοπ-**) *cut*, fut. **κόψω** (but fut. pf. **κεκόψομαι** is often used instead, § 538, note), 1st aor. **ἔκοψα**, 2d pf. **κέκοφα** (§ 219, 1), pf. mid. **κέκομμαι**, 2d aor. pass. **ἐκόπην**.

**κράζω** (§ 195, 2; **κραγ-**, **κράγ-**, § 13) *cry out*, 2d aor. **ἔκραγον**, 2d pf. **κέκράγα**, fut. pf. **κεκράξομαι** (§ 538, note).

**κλέπτω**, 1st aor. pass. **ἐκλέφθην** (Ionic and poetic).

**κλήζω** (epic **κληῖζω**) *celebrate in song* (poetic), fut. **κλήσω**, 1st aor. **ἔκλησα**, rarely **ἐκλήξα** (§ 195, 2 a).

**κλύω** *hear* (poetic), 2d aor. **ἔκλυον** (impv. **κλῦθι**, **κλῦτε**; see § 210 a) : also reduplicated aor. impv. (epic) **κέκλυθι**, **κέκλυτε** (§ 208, 1 a).

**κορέν-νῦ-μι** (§ 196, note) *satisfy* (Ionic and poetic; rare in prose), fut. **κορέσω** (§ 188) and (epic) **κορέω** (§ 37), 1st aor. **ἐκόρεσα** (§ 188), epic 2d pf. partic. **κεκορηώς** *satisfied* (§ 404, 3), pf. mid. **κεκόρεσμαι** (§ 189) and (epic) **κεκόρημαι** (§ 188, 1).

**κορύσσω** (§ 195, 1; **κορυθ-**) *equip* (poetic), 1st aor. partic. mid. **κορυσσάμενος** (§ 201 a), pf. mid. partic. **κεκορυθμένος**.

**κοτέω** *be angry* (epic), 1st aor. **ἐκότεσα** (§ 188), and 2d pf. partic. **κεκοτηώς**. **κραίνω** (§ 195, 4) and **κράαινω** (§ 195, 4, Mss. **κραιαίνω**) *accomplish* (poetic) are from theme **κραν-** and **κράαν-** (see the declension of **κάρη**, § 115, 9 a, and cf. § 292, 8 note); fut. **κρανῶ**, 1st aor. **ἔκρανα**, epic **ἔκρηνα** and **ἐκράηνα** (Mss. **ἔκρηνηνα**), pf. mid. 3d sing. **κέ-κραν-ται** (§ 247) and epic **κε-κράαν-ται**, 1st aor. pass. **ἐκράνθην** and **ἐκράανθην**.

[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

κρέμα-μαι (§ 193) *hang* (used as a passive of κρεμάννυμι), fut. κρεμή-σομαι. (For accent of pres. opt. see § 200, note.)

κρεμάν-νυ-μι (§ 196, note) *suspend*, fut. κρεμῶ (§ 212, 1), 1st aor. ἐκρέμασα, 1st aor. pass. ἐκρεμάσθην (§ 189), vbl. κρεμαστός (§ 189).

κρίνω (for \*κριν-ιω, § 195, 4) *judge*, fut. κρίνω (§ 213), 1st aor. ἐκρίνα (§ 204), 1st pf. κέκρικα (§ 218, 1), pf. mid. κέκριμαι, 1st aor. pass. ἐκρίθην.

κρού-ω (§ 193) *beat*, regular, but 1st aor. pass. ἐκρούσθην (§ 189).

κρύπ-τω (§ 194; κρυφ-) *conceal*, fut. κρύψω, 1st aor. ἐκρυψα, pf. mid. κέκρυμαι, 1st aor. pass. ἐκρύφθην, vbls. κρυπτός, κρυπτέος.

(ἀπο-)κτείνω (for \*κτεν-ιω, § 195, 4; theme κτον-, κτεν-, κταν- (§ 14, 1) *kill*, fut. (ἀπο-)κτενῶ, 1st aor. (ἀπ-)ἔκτεινα, 2d pf. (ἀπ-)ἔκτονα (§ 219, 3). For the passive, (ἀπο-)θνήσκω is regularly used (§ 513).

(ἀπο-)κτείνυμι and (ἀπο-)κτεινύω = (ἀπο-)κτείνω *kill*. (These are sometimes printed κτείννυμι, -ύω, or κτίννυμι, -ύω.)

κτῶμαι (-άομαι) *acquire*, fut. κτήσομαι, 1st aor. ἐκτησάμην (§ 158, 3), pf. κέκτημαι (reduplication contrary to § 178, 1) *possess* (§ 535) (fut. pf. κεκτήσομαι *shall possess*, § 538, note), 1st aor. pass. ἐκτήθην (§ 510).

κυλίνδω (§ 193) *roll* (cf. καλινδοῦμαι), 1st aor. ἐκύλισα (§ 34), pf. mid. κεκύλισμαι (§ 189), 1st aor. pass. ἐκυλίσθην (§ 189). From ἐκύλισα a present κυλίω was later formed.

κύπ-τω (§ 194; κύφ-) *stoop*, fut. κύψω, 1st aor. ἐκύψα. 2d pf. κέκυφα.

κρεμάννυμι, also κρίμνημι (mid. κρίμναμαι *be suspended*), usually printed κρήμνημι.

κρίζω (§ 195, 2; κριγ-) *creak, squeak*, 2d aor. ἔκρικον (cf. § 195, 2, note 2), 2d pf. κέκριγα (§ 219, 2).

κρύπτω, poetic 2d aor. pass. (rare) ἐκρύφην.

κτείνω, Ionic fut. κτενέω (Mss. sometimes κτανέω), 2d aor. (poetic) ἔκτανον and ἔκταν (for \*ἐ-κτν-ν, § 14, note), ἔκτας, etc. (subj. Mss. κτέωμεν, § 211, 1 a-b, infin. κτάμεναι, partic. κτάς), 1st aor. pass. (epic) ἐκτάθην (for \*ἐ-κτν-θην, contrary to § 231, 4). Homer uses the fut. mid. and aor. mid. as passive also (§ 515, 1 a).

κτίζω (§ 292, 6) *found*, epic 2d aor. partic. as pass. (§ 515, 1 a) εὐ-κτί-μενος. κτυπῶ (-έω) *resound* (poetic), regular, but 2d aor. ἔκτυπον.

κτῶμαι, Ionic perf. mid. ἐ-κτῆμαι (§ 178, 1).

κυνῶ (-έω) *kiss*, fut. κυνήσω, etc., regular, but poetic 1st aor. ἔκυσα.

κύρω (§ 193) *meet with, happen* (poetic), fut. κύρσω (§ 213 a), 1st aor.

ἔκυρσα (§ 204 a). κυρῶ (-έω) = κύρω, fut. κυρήσω, etc., is regular.

[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

**λαγχάνω** (§ 196, 2; theme λαχ-, ληχ-, § 13) *obtain by lot*, fut. **λήξομαι** (§ 507), 2d aor. **ἔλαχον** (§ 186, 1), 2d pf. **ἐλήχα** (§ 178, 2), pf. mid. **ἐληγμαι**, 1st aor. pass. **ἐλήχθην**, vbl. **ληκτός**.

**λαμβάνω** (§ 196, 2; theme λαβ-, ληβ-, § 13) *take*, fut. **λήψομαι** (§ 507), 2d aor. **ἔλαβον** (§ 186, 1; impv. λαβέ, § 210, note), 2d pf. **ἐληφα** (§ 178, 2), pf. mid. **ἐλημμαι**, 1st aor. pass. **ἐλήφθην**, vbls. **ληπτός**, -τέος.

**λάμπ-ω** (§ 193) *shine*, fut. **λάμψω**, 1st aor. **ἔλαμψα**, 2d pf. **λέλαμπα**.

**λανθάνω** (§ 196, 2; theme λαθ-, ληθ-, § 13) *lie hid, escape notice* (mid. *forget*, usually **ἐπι-λανθάνομαι**), fut. **λήσω**, 2d aor. **ἔλαθον** (§ 186, 1), 2d pf. **λέληθα**, pf. mid. **λέλησμαι** (§ 189).

**λέγ-ω** (§ 193, 2) *say*, fut. **λέξω**, 1st aor. **ἔλεξα**, pf. act. supplied (§ 164) by **ἔρηκα**, pf. mid. **λέλεγμαι** (but **διαλέγομαι**, *converse*, has **διείλεγμαι**, cf. § 178, 2), 1st aor. pass. **ἐλέχθην**.

**λέγ-ω** (§ 193, 2) *select, count, gather*, fut. **λέξω**, 1st aor. **ἔλεξα**, 2d pf. **ἔλοχα** (§§ 178, 2; 219, 3), pf. mid. **ἐλεγμαι** and sometimes **ἔλεγμαi**, 1st aor. pass. **ἐλέχθην** and rarely 2d aor. pass. **ἐλέγην**.

**λείπ-ω** (§ 193, 2; theme λοιπ-, λειπ-, λιπ-, § 14, 2) *leave*, fut. **λείψω**, 2d aor. **ἔλιπον** (§ 208), 2d pf. **λέλοιπα** (§ 219, 3), pf. mid. **λέλειμμαι**, 1st aor. pass. **ἐλείφθην**.

**λεύ-ω** (§ 193) *stone*, fut. **λεύσω**, etc., regular, but 1st aor. pass. **ἐλεύσθην** (§ 189).

**λαγχάνω**, Ionic fut. **λάξομαι**, epic 2d aor. subj. **λελάχω** (§ 208, 1 a), Ionic and poetic 2d pf. **λέλογχα** (§ 219, 3).

**λάξομαι** (§ 195, 2; theme λαγ-, cf. λαβ-) and **λάξναι** = **λαμβάνω** *take*.

**λαμβάνω**, Ionic forms are fut. **λάμψομαι** (better **λάψομαι**), 1st pf. **λελάβηκα** (§ 190), pf. mid. **λέλαμμαι**, 1st aor. pass. **ἐλάμφθην**. Epic 2d aor. mid. infin. **λελαβέσθαι** (§ 208, 1 a). Poetic pf. mid. **λέλημμαι**.

**λανθάνω**, epic 2d aor. **ἔλαθον** (§§ 208, 1 a; 171 a) and pf. mid. **ἔλασμαι** (§§ 27, 3; 219 a).

**λάσκω** (for \***λακ-σκω**, § 197) *speak* (poetic), fut. **λακήσομαι** (§§ 190; 507), 2d aor. **ἔλακον** (epic mid. **λελακόμην**, §§ 208, 1 a; 171 a), 2d pf. **λέληκα** (§ 219, 2) with fem. partic. **λελακυῖα** (§ 219 a).

[root λαχ-, cf. **λέχος** *bed*] only in epic poetry, 1st aor. **ἔλεξα** *laid to rest*, mid. **ἐλεξάμην** *went to rest* (impv. **λέξεο**, § 201 b), 2d aor. **ἐλέγμην** (§ 207 a) *went to rest* (impv. **λέξο** (i.e. \***λεχ-σο**), infin. **λέχθαι** (for \***λεχ-σθαι**, § 35), partic., **λέγ-μενος**, § 207 a).

**λήθω** (poetic) = **λανθάνω** *escape notice*.



[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

ληΐζω (§ 292, 6) *plunder* (fut. λήσομαι), 1st aor. mid. ἐλησάμην, pf. mid. λέλησμαι (§ 189). (The active is rare.)

λιμπάνω (§ 196, 2; λιπ-) = λείπω *leave*.

λού-ω (§ 193) *wash*, often drops υ (§ 21) before a short vowel and is then contracted like δηλῶ (§ 250): as λούμεν (for λο(ύ)ομεν), λούσθαι (for λο(ύ)εσθαι); otherwise the verb is regular; fut. λούσω, 1st aor. ἔλουσα, etc.

λύ-ω (§ 193; theme λῡ-, λυ-, § 13), fut. λύσω, 1st aor. ἔλυσα, 1st pf. ἔλυκα, pf. mid. ἔλυμαι, 1st aor. pass. ἐλύθην.

μαίνω (§ 195, 4; theme μαν-, μην-, § 13), *madden* (mid. *be mad*, fut. mid. μανούμαι), 1st aor. ἔμηνα, 2d pf. μέμηνα *am mad* (§ 494, 3), 2d aor. pass. ἐμάνην (see § 514).

μανθάνω (§ 196, 2; μαθ-) *learn*, fut. μαθήσομαι (§§ 190; 507), 2d aor. ἔμαθον, 1st pf. μεμάθηκα (§ 190).

μάττω (§ 195, note 2, theme μαγ-) *knead*, fut. μάξω, etc., regular, but 2d pf. μέμαχα (§ 219, 1) and 2d aor. pass. ἐμάγην.

μάχ-ομαι (§ 193) *fight* (middle deponent, § 158, 3), fut. μαχοῦμαι (for μαχέσομαι, §§ 190, 212, 1), 1st aor. ἐμαχεσάμην (§ 190), pf. μεμάχημαι (§ 188, 1).

μεθύ-σκ-ω (§ 197) *make drunk*, 1st aor. ἐμέθυσα, 1st aor. pass. ἐμεθύσθην *became drunk*.

ληΐζω, Ionic and poetic is ληΐζω.

λίσσομαι (§ 195, 1; λιτ-) rarely λιτομαι *supplicate* (mostly epic, rare in prose), epic 1st aor. ἐλλισάμην (§ 172, 1 a). An epic 2d aor. ἐλιτόμην is doubtful.

λούω, epic λῶω (§ 21) and λοέω (§ 190), fut. λοέσω (§ 201 a), 1st aor. ἐλδέσσα. λῶω, epic also with ῥ. Epic 2d aor. ἐλύμην (§ 209).

μαίομαι (theme μασ-?) *seek, strive* (poetic), fut. μάσσομαι, 1st aor. ἐμασσάμην (§ 201 a).

μάρ-να-μαι (§ 196, 3) *fight* (poetic), only pres. and impf.; pres. subj. μάρνωμαι (cf. § 200, note).

μάρπ-τω (§ 194; μαρπ-) *seize* (poetic), fut. μάρψω, 1st aor. ἔμαρψα (epic 2d aor. ἔμαρπον), 2d pf. μέμαρπα.

μάχομαι, epic is also μαχέομαι (§ 190) and μαχέομαι (§ 292, 2 a), fut. μαχέσσομαι (Mss. also μαχήσομαι), 1st aor. ἐμαχεσσάμην (§ 201 a).

μεθ-ημι *send away*, like ἔημι, but Herodotus has pf. mid. partic. μεμετιμένος (§ 181).



[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

**μεθύ-ω** (§ 193) *be drunk*, only pres. and impf. Other tenses supplied from **μεθύσσω**

**μείγ-νῦ-μι** (§ 196, 5; theme **μειγ-**, **μιγ-**, § 14, 2) *mix*, fut. **μείξω**, 1st aor. **ἔμειξα**, pf. mid. **μέμειγ-μαι**, 1st aor. pass. **ἐμείχθην**, 2d aor. pass. **ἐμίγην** (§ 232, 2), vbls. **μεικτός**, **μεικτέος**. (Sometimes wrongly written **μῑγνῦμι**.)

**μείρομαι** (§ 195, 4; theme **μορ-**, **μερ-**, **μαρ-**, § 14, 1, probably for **σμορ-**, etc.) *obtain part in*, pf. mid. 3d sing. **εἴμαρται** (for \***σε-σμαρ-ται**, § 224, note, = \***εσμαρται**, § 36, = **εἴμαρται**, § 16) *it is fated*.

**μέλλ-ω** *intend*, fut. **μελλήσω** (§ 190), 1st aor. **ἐμέλλησα** (§ 190), seldom augments to **ῆ-**.

**μέλ-ω** (§ 193) *concern, care for*, 3d sing. impersonal **μέλει** *it is a care*, fut. **μελήσω** (§ 190), 1st aor. **ἐμέλησα** (§ 190), 1st pf. **μεμέληκα** (§ 190), pf. mid. **μεμέλημαι** (§ 190), 1st aor. pass. **ἐμελήθην** (§ 190), vbl. **μελητέος** (§ 190). Also **ἐπι-μέλομαι** and **ἐπι-μελοῦμαι** (passive deponents, § 158, 3) *care for*.

**μέν-ω** (§ 193) *remain*, fut. **μενῶ**, 1st aor. **ἔμεινα**, 1st pf. **μεμένηκα** (§ 190). **μιαίνω** (for \***μιαν-ω**, § 195, 4; theme **μιαν-**) *stain*, fut. **μιανῶ**, 1st aor. **ἐμίᾱνα** (§ 204, note 2), pf. mid. **μεμίασμαι** (§ 247), 1st aor. pass. **ἐμίανθην**.

**μνησκω** (§ 197, suffix **-ισκ-** contrary to § 197) *remind* (mid. *remember*), fut. **μνήσω**, 1st aor. **ἔμνησα**, pf. mid. **μέμνημαι** *remember* (§ 535: for the subj. and opt. see § 227, note) (fut. pf. **μεμνήσομαι** *shall remember*, § 538, note), 1st aor. pass. **ἐμνήσθην** (§ 189) *mentioned* (§ 158, 3).

**μῑγνῦμι**, epic 2d aor. 3d sing. **ἔ-μικ-το** (§ 207 a).

**μείρομαι** *obtain part in* (epic), 2d pf. **ἔμωρε** (§ 219, 3, for \***έσμορε**?, cf. § 178, 1) *have a share in* (§ 535).

**μέλω** epic 2d pf. **μέ-μηλ-α** (§ 219, 2). Homer has also pf. mid. 3d sing. **μέμβλεται** and plupf. **μέμβλετο** (for \***με-μλεται** and \***με-μλετο**, with sympathetic β).

**μενοινάω** *be eager* (epic). See § 199 a-b.

**μερμηρίζω** *ponder* (poetic), epic fut. **-ίξω** and epic aor. **-ιξα** (§ 195, 2 a).

**μήδομαι** (§ 193), *contrive* (poetic), fut. **μήσομαι**, 1st aor. **ἐμηςάμην** (§ 203). [root **μηκ-**, **μακ-** (§ 13)] *bleat*. (A present **μηκῶμαι** is doubtful.) Epic 2d aor. partic. **μακ-ών**, epic 2d pf. partic. **μεμηκώς** (fem. **με-μακ-υῖα**, § 219 a), 2d plupf. with variable vowel (ε) **μέμηκον**.

**μητιάω** *plan* (poetic), other tenses from **μητιομαι**; as fut. **μητίσομαι**, 1st aor. **ἐμητίσαμην**.

[Attic principal parts in **full-faced** type. Ionic and poetic forms at the bottom of the page.]

**μύζω** (§ 195, 2; *μυγ-*) *grumble, mutter*, 1st aor. **ἔμυξα**.

**μῦκῶμαι** (*-άομαι*) *bellow*, 1st aor. **ἔμυκτησάμην** (§ 158, 3).

**μύω** *shut the lips or eyes*, 1st aor. **ἔμυσσα**, 1st pf. **μέμυκα**.

**νέμ-ω** (§ 193, 2) *distribute*, fut. **νεμῶ**, 1st aor. **ἐνειμα**, 1st pf. **νενέμηκα** (§ 190), pf. mid. **νενέμημαι** (§ 190), 1st aor. pass. **ἐνεμήθην** (§ 190).

**νέω** (§ 193 note; theme *νευ-*, § 21), *swim*, fut. **νεύσομαι** (§ 507) or **νευσούμαι** (§ 211), 1st aor. **ἔνευσσα**, 1st pf. **νένευκα**, vbl. **νευστέος** (§ 189).

**νέω** (§§ 193; 199, 2) *heap up*, 1st aor. **ἐνησα**, pf. mid. **νένημαι**.

**νίζω** (for *\*νιγ-ιω*, § 195, 2) *wash*; other tenses from a stem *νιβ-* (which give a later pres. **νίπ-τω**, § 194), fut. **νίψω**, 1st aor. **ἐνιψα**, pf. mid. **νένιμμαι** (§§ 27, 1; 247), vbl. **νιπτός**.

**νομίζω** (§ 292, 6) *think*, fut. **νομιῶ** (§ 215), 1st aor. **ἐνόμισα**, 1st pf. **νενόμικα**, pf. mid. **νενόμισμαι** (§ 189), 1st aor. pass. **ἐνομίσθην** (§ 189), vbl. **νομιστέος**.

**νῶ** (*νῆς*, *νῆ*, etc., § 199, 3) *spin*, fut. **νήσω**, 1st aor. **ἐνησα**, 1st aor. pass. **ἐνήθην**.

**μῑ-μν-ω** (§ 193, 3) *remain* (poetic) = **μένω**.

**μίσγω** (for *\*μιγ-σκω*, § 197; cf. *πάσχω*) *mix* (Ionic) = **μείγνυμι**.

**μύζω** *suck*, has epic 1st aor. **ἔμύζησα** (§ 190).

[root *μυκ-* (cf. *μῦκῶμαι*)] *bellow*, epic 2d aor. **μύκον** (§ 171 a), epic 2d pf. **μέ-μῦκ-α** (§ 219, 2).

**ναίω** (for *\*νασ-ιω*, §§ 195; 37) *dwell* (poetic), 1st aor. **ἔνασσα** (epic) *settled* (trans., cf. § 494, 1), 1st aor. pass. **ἐνάσθην** (§ 189) *was settled or dwelt* (§ 514).

**νάττω** (§ 195, 1), Ionic **νάσσω** (§ 22) *stuff* (mostly poetic and Ionic), 1st aor. **ἔναξα**, pf. mid. **νένασμαι** (rarely **νέναγμα**).

**ναικέω** or **ναικείω** (§ 292, 2 a; theme *ναικεσ-*) *chide* (Ionic, mostly epic), fut. **ναικέσω** (§ 188), 1st aor. **ἐνέικεσα** (§ 188), or **ἐνέικεσσα** (§ 201 a).

**νέομαι** *go, come* (poetic), only pres. and impf. The present sometimes has future meaning (§ 524).

**νίζω**, Homer has a doubtful pres. mid. infin. **ἀπονίπτεσθαι**.

**νίσσομαι** (for *\*νι-νο-ομαι*, § 193, 3; theme *νες-*, *νο-*, § 14) *go* (poetic), only pres. and impf. The present often has future meaning (§ 524).

**νοῶ** (*-έω*) *think, perceive* (regular in Attic), in Ionic contracts *-οη-* to *ω*; as 1st aor. **ἐνωσα** (Attic **ἐνόησα**), 1st pf. **νένωκα** (Attic **νενόηκα**), etc.

[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

ξέω (usually contracted to ξῶ, etc., § 199, 2, note; theme ξε- for \*ξεσ-) *scrape* (1st aor. ξέεσα, § 188), pf. mid. ἔξεσμαι (§ 189), vbl. ξεστός.

ξηραίνω (§ 292, 8; cf. ξηρός *dry*) *dry*, fut. ξηρανῶ (§ 213), 1st aor. ἐξήρανα (§ 204, note 2), pf. mid. ἐξήρασμαι (§ 217), 1st aor. pass. ἐξηράνθην.

ξύω (§ 193) *polish*, 1st aor. ἔξυσα, 1st aor. pass. ἐξύσθην (§ 189).

ὀζω (§ 195, 2; ὀδ-) *smell*, fut. ὀζήσω as if from \*ὀζέω, 1st aor. ὤζησα.

οἶγω (§ 193), οἶγ-νῦ-μι (§ 196, 5), usually ἀν-οίγω, ἀν-οίγνυμι *open*, fut. ἀν-οίξω, 1st aor. ἀν-έφξα (§ 172, note 1), 2d pf. ἀν-έφγα (ἀνέφχα), pf. mid. ἀν-έφγμαι (§ 180), 1st aor. pass. ἀνέφχθην (§ 172, note 1).

οἶδα (2d pf.) *know* (§ 259). See [ιδ-].

οἰδῶ (-έω) *swell*, 1st aor. ὤδησα, 1st pf. ὤδηκα.

οἰκτῖρω (§ 195, 4; οἰκτιρ-) *pity*, 1st aor. ὤκτιρα (§ 204).

οἶομαι (§ 193), 1st per. often οἶμαι, impf. ὥμην (probably pf. and plupf.), *think*, fut. οἴησομαι (§ 190), 1st aor. pass. ὤήθην (§ 158, 3).

οἶσω *shall bear*. Cf. φέρω.

οἶχ-ομαι (§ 193) *be gone*, fut. οἰχήσομαι (§ 190), 2d pf. οἶχωκα (§§ 179: 40).

ὀκᾶλω (§ 195, 3; ὀκελ-) *run ashore*, 1st aor. ὤκειλα (§ 204).

ὀλισθ-άν-ω (§ 196, 2; ὀλισθ-) *slip*, 2d aor. ὤλισθον.

(ἀπ-)ὀλλῦμι (for \*ὀλ-νῦ-μι, § 196, 5; theme ὀλ- and ὀλε-) also ἀπ-ολλύω *destroy, lose* (mid. *perish*), fut. (ἀπ-)ὀλῶ (§ 212, 1, for ὀλέσω, § 188), 1st aor. (ἀπ-)ὤλεσα (§ 188), 2d aor. (ἀπ-)ὠλόμην *perished*, 1st pf. (ἀπ-)ὀλώλεκα, 2d pf. (ἀπ-)ὀλωλα *be lost, perish* (§ 194, 2).

ὀλοφύρομαι (§ 195, 4) *bewail*, fut. ὀλοφυροῦμαι, 1st aor. ὠλοφῦράμην (§ 158, 3), 1st aor. pass. partic. ὀλοφῦρθεῖς *made to lament* (§ 510).

ξέω, epic 1st aor. ἔξεσσα (§ 201 a).

[root ὀδν- (for ὀδνσ-)] *enrage* (poetic), only 1st aor. mid. ὠδυσάμην (ὠδυσσάμην, § 201 a) *was enraged*, and pf. mid. ὀδ-ὠδνσ-μαι (§§ 179: 189).

ὀζω, poetic 2d pf. ὀδ-ὠδ-α (§ 179), plupf. ὀδῶδη (§ 171 a).

οἶγω, poetic fut. οἶξω, 1st aor. ὤϊξα and ὤῖξα (or οἶξα, § 171 a).

οἶδ-άν-ω (§ 196, 2) *swell* (poetic) = οἰδῶ.

οἶνοχοῶ (-έω) *pour wine*, in Homer augments to ἐ-οιν- (for ἐ-φοιν-, § 172, 2. Mss. ἐφν-).

οἶομαι, Homer often has 1st sing. οἶω (οἶῶ), and mid. οἶομαι, 1st aor. οἶσάμην (§ 171 a), 1st aor. pass. ὤισθην (§ 189).

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**ὀμν-μι** and **ὀμνύ-ω** (§ 196, 5; theme **ὀμν-** and **ὀμνο-**) *swear*, fut. **ὀμοῦμαι** (§ 507, for **ὀμόσομαι**, §§ 212, 1; 188), 1st aor. **ῶμοσα** (§ 188), 1st pf. **ὀμώμοκα** (§§ 179; 188); pf. mid. **ὀμώμο(σ)μαι**, 1st aor. pass. **ῶμό(σ)θην**.

**ὀμοργν-μι** (§ 196, 5) *wipe*, fut. **ὀμόρξομαι**, 1st aor. **ῶμορξα**, 1st aor. pass. (**ἀπ-**)**ῶμόρχθην**.

**ὀνύ-νῃ-μι** (§ 193, 3; reduplicated without regard to the **ο**; theme **ὀνῃ-**, **ὄνα-**, § 13) *benefit*, fut. **ὀνήσω**, 1st aor. **ᾠνησα**, 2d aor. mid. **ᾠνήμην** *derived benefit* (opt. **ὀναίμην**, § 211, note, infin. **ὄνασθαι**), 1st aor. pass. **ᾠνήθην**.

**ὀξύω** (§ 195, 4) *sharpen*, usually in the compound **παρ-οξύω** *provoke, irritate*, fut. (**παρ-**)**οξύνω** (§ 213), 1st aor. (**παρ-**)**ᾠξύνα** (§ 204), pf. mid. (**παρ-**)**ᾠξύμμαι** (§ 33), 1st aor. pass. (**παρ-**)**ᾠξύνθην**.

[root **ὀπ-**] *see*, fut. **ὀψομαι** (§ 507), pf. mid. **ᾠμμαι**, 1st aor. pass. **ᾠφθην**, cf. **ὀρῶ**.

**ὀργίζω** (§ 292, 6, cf. **ὀργή** *anger*) *enrage*, regular, with fut. mid. **ὀργιούμαι** (§ 215), fut. pass. **ὀργισθήσομαι** (cf. § 519, note 2).

**ὀρέγ-ω** (§ 193) *reach*, fut. **ὀρέξω**, 1st aor. **ᾠρεξα**, 1st aor. pass. **ᾠρέχθην**.

**ὀρύπτω** (§ 195, 1; theme **ὀρυχ-**) *dig*, fut. **ὀρύξω**, 1st aor. **ᾠρυξα**, 2d pf. **ὀρ-ᾠρυχ-α** (§ 179), pf. mid. **ὀρᾠρυγμαι**, 1st aor. pass. **ᾠρύχθην**.

**ὀρῶ** (**-άω**) (§ 164) *see* (impf. **ἑώραν**, § 172, note 1), fut. supplied by **ὀψομαι** [**ὀπ-**], aor. supplied by 2d aor. **εἶδον** [**ἰδ-**], 1st pf. **ἑόρᾱκα** (plupf. **ἑωρᾶκη**, for **ῆορ-**, § 17), pf. mid. **ἑόρᾱμαι**, or supplied by **ᾠμμαι** [**ὀπ-**], 1st aor. pass. (supplied) **ᾠφθην** [**ὀπ-**], vbl. **ὀρᾱτός** or (supplied) **ὀπτίος**.

**ὀνο-μαι** (§ 193; **ὀνο-**), inflected like **δίδομαι** (§ 252) with pres. opt. **ὀνοιτο** (§ 170, 4) *insult* (Ionic and poetic), epic fut. **ὀνόσομαι** (§ 201 a), 1st aor. **ᾠνοσάμην**, also aor. pass. subj., in same sense, **κατ-ονοσθῆς** (Hdt.). [root **ὀπ-**] 2d pf. (Ionic and poetic) **ὀπ-ωπ-α** (§ 179).

**ὀπνίω** *take to wife* (poetic), fut. **ὀπύσω**.

**ὀρέγω**, epic also **ὀρέγνυμι** (§ 196, 5), epic pf. mid. **ὀρ-ᾠρεγ-μαι** (§ 179) with 3d pl. **ὀρωρέχ-αται**, plupf. **ὀρωρέχ-ατο** (§ 226 a).

**ὀρ-νύ-μι** (§ 196, 5, **ὀρ-**) *rouse* (poetic), fut. **ὀρσω** (mid. **ὀροῦμαι**, § 213), 1st aor. **ᾠρσα** (§ 204 a, with impv. **ὀρσεο**, § 201 b), 2d aor. (trans. and intrans.) **ᾠροπον** (§ 208, 1 a), 2d aor. mid. **ᾠρόμην** (but several forms without variable vowel, § 207 a; as 3d sing. **ᾠρτο**, impv. **ὀρ-σο**, infin. **ὀρ-θαι** for **\*ὀρ-σθαι**, § 35, partic. **ὀρ-μενος**), 2d pf. **ὀρ-ωρ-α** (§ 179) *am aroused* (§ 494, 3), pf. mid. 3d sing. **ὀρώρεται** (epic).

[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

ὀσφραίνομαι (§ 292, 8; ὀσφρ-) *smell*, fut. ὀσφρήσομαι (§ 190), 2d aor. mid. ὠσφρόμην, 1st aor. pass. ὠσφράνθην.

οὔρω (-έω, § 292, 2) *urinate*, fut. οὔρήσομαι (§ 507), 1st aor. ἐούρησα (§ 172, 2), 1st pf. ἐούρηκα (§ 180).

ὀφείλω (§ 195, 4; ὀφελ-) *owe*, fut. ὀφειλήσω (§ 190), 1st aor. ὠφείλησα (§ 190), 2d aor. ὠφελον (see § 555), 1st pf. ὠφείληκα (§ 190), 1st aor. pass. partic. ὀφειληθείς (§ 190).

ὀφλ-ισκ-άν-ω (§§ 197; 196, 2; ὀφλ-) *be guilty, incur*, fut. ὀφλήσω (§ 190), 2d aor. ὠφλον (1st aor. ὠφλησα is doubtful), 1st pf. ὠφληκα.

παίζω (§ 195, 2; παιδ-) *sport* (fut. παίσομαι, § 507), 1st aor. ἐπαισα, 1st pf. πέπαικα, pf. mid. πέπαισμαι (§ 189).

παλαίω (§ 193) *wrestle*, regular, but 1st aor. pass. ἐπαλαίσθην (§ 159).

παρα-νομῶ(-έω) *transgress law*, augments to παρ-ειν- (§ 175, 1).

παροινῶ(-έω) commonly has double augment and reduplication (§§ 175, note; 181); as 1st aor. ἐ-παρ-ώνησα, 1st pf. πε-παρ-ώνηκα.

πάσχω (§ 197; for \*παθ-σκω, § 30; the θ leaves its aspiration with the κ; theme ποινθ-, πεινθ-, παθ-, § 14, 1) *experience, suffer*, fut. πείσομαι (for \*πεινθ-σομαι, § 34), 2 aor. ἔπαθον, 2 perf. πέπονθα (§ 219, 3).

παύ-ω (§ 193) *stop, cause to cease*, regular, but vbl. παυστέος (§ 189).

πείθ-ω (§ 193, 2; theme ποιθ-, πειθ-, πιθ-, § 14, 2) *persuade*, fut. πείσω, 1st aor. ἔπεισα, 1st pf. πέπεικα (§ 194, 2), 2d pf. πέποιθα, trust (§ 194, 2), pf. mid. πέπεισμαι (§ 189, note), 1st aor. pass. ἐπείσθην (§ 189, note), vbls. πισ-τός, πεισ-τέος.

ὀφείλω, epic pres. usually ὀφέλλω.

[root πα-] *acquire* (poetic, but used by Xenophon), fut. πάσομαι, 1st aor. ἐπάσασμην (§ 158, 3), pf. ἐπέπασμαι *possess* (§ 535).

παίω *strike*, regular, has poetic fut. παιήσω (§ 190; cf. § 519, note 2).

πάλλω (§ 195, 3; παλ-) *brandish* (mostly poetic), 1st aor. ἔπηλα (§ 204, note 2), 2d aor. partic. (epic) (ἀμ-)πε-παλῶν (§ 208, 1 a), 2d aor. mid. 3d sing. (epic) ἔ-παλτο (§ 207 a), pf. mid. πέπαλμαι.

πάσχω, for epic 2d pf., 2d pl. πέπασθε (for \*πε-παθ-τε, cf. πάσχω for \*παθ-σκω), partic. fem. πεπαθυῖα, see § 219 a.

πατέομαι (§ 193; πατ-, § 190) *eat* (Ionic and poetic), fut. πάσομαι, 1st aor. ἐπάσασμην, epic plupf. πε-πάσ-μην (§§ 171 a; 189, note).

πίπτω (§ 195, 1. πατ-), Ionic πάσσω (§ 22), *sprinkle* (mostly poetic), fut. πάσω, 1st aor. ἔπασα, 1st aor. pass. ἐπάσθην (§ 189, note).

πείθω, poetic 2d aor. (ἐ)πιθον (mid. ἐπιθόμην) with subj. πεπιθῶ, opt. πεπι-

[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

πεινώ (-ῆς, -ῆ, etc., § 199, 3) *hunger*, fut. **πεινήσω**, etc., regular.

πέμπ-ω (§ 193, 2; theme πομπ-, πεμπ-, § 14), *send*, fut. **πέμψω**, 1st aor.

ἔλεμψα, 2d pf. **πέπομφα** (§ 219, 1 and 3), pf. mid. **πέπεμμαι**, 1st aor.

pass. **ἐπέμφθην**, vbls. **πεμπτός, πεμπτέος**.

πεπαίνω (§ 292, 8) *make soft*, 1st aor. **ἐπέπα̃να** (§ 204, note 2), 1st aor. pass. **ἐπεπάνθην**.

πέπρωται *it is fated*, see [πορ-].

περαίνω (§ 292, 8, cf. **πέρας** *end*) *accomplish*, fut. **περανῶ**, 1st aor. **ἐπέρα̃να** (§ 204, note 2), pf. mid. **πεπέρασμαι** (§ 247), 1st aor. pass. **ἐπεράνθην**, vbls. **περαντός, περαντέος**.

πέρδ-ομαι (§ 193; πορδ-, περδ-, παρδ-, § 14, 1) *pedo*, fut. **παρδήσομαι** (§§ 190; 507), 2d aor. **ἔπαρδον** (§ 208), 2d pf. **πέπορδα** (§ 219, 3).

πετάν-νῦ-μι (§ 196, 5, for \*πετασ-νῦμι), usually **ἀνα-πετάννῦμι** *expand*, fut. **πετῶ** (cf. § 212, 1), 1st aor. **ἐπέτασα**, pf. mid. **πέπταμαι** (reduplication contrary to § 178, 1), 1st aor. pass. **ἐπετάσθην** (§ 189, note).

θοιμι, etc. (§ 208, 1 a), fut. from aor. stem (§ 519 a) **πε-πιθ-ήσω** *shall persuade*, epic 2d plupf., 1st pl. **ἐ-πέ-πιθ-μεν** (§ 219 a), iuvr. **πέ-πισ-θι** (Aesch.). Also a fut. **πιθήσω** *shall obey* and aor. partic. **πιθήσᾱς** *obeying, trusting*, as if from a pres. \***πιθέω** *obey*.

πέικ-ω (§ 193; probably for \***πεκρω**, § 16) *comb, shear* (poetic), also a denominative (§ 292, 2) **πεκτῶ(-έω)**, 1st aor. **ἔπεξα**, 1st aor. pass. **ἐπέχθην**.

πέιρω (§ 195, 4; theme περ-, παρ-, § 14, 1) *pierce* (Ionic and poetic), 1st aor. **ἔπειρα**, pf. mid. **πέ-παρ-μαι** (§ 221, note), 2d aor. pass. **ἐπάρην** (§ 232, 2).

πελάζω (§ 292, 6; cf. **πέλας** *near*) *bring near* (Ionic and poetic), fut. **πελάσω** and **πελῶ** (§ 212, 1), 1st aor. **ἐπέλασα**, also epic 2d aor. mid. 3d sing. **ἔ-πλη-το** and 3d pl. **ἔ-πλη-ντο** (§ 207 a) *approached*, pf. mid. **πέ-πλη-μαι** (cf. § 38, 1), 1st aor. pass. **ἐπελάσθην** (§ 189) and **ἐπλάθην** (§ 38).

πέλ-ω (§ 193; **πελ-, πλ-,** § 14) and **πέλομαι** (lit. *go, come*) *be* (poetic equivalent of **εἶμι** or **γίγνομαι**), 2d aor. **ἔπλον**, mid. **ἐπλόμην** (§ 208).

πέρθ-ω (§ 193; theme περθ-, παρθ-, §§ 14, 1; 38) *sack* (poetic), fut. **πέρσω** (with **πέρσομαι** as pass., § 515, 1), 1st aor. **ἔπερσα** (for \***ἐ-περθ-σα**, § 203), 2d aor. **ἔπραθον** (§ 38). (Doubtful is infin. **πέρθαι**, for \***περθ-σαι**? (§§ 30; 35).

πέρ-νῃμι (§ 196, 3; **περασ-**?) *sell* (poetic), fut. **περάω** (cf. § 212, 1), 1st aor. **ἐπέρασ(σ)α** (§ 201 a), pf. mid. partic. **πεπρημένος** (§ 38, Mss. **πεπερημένος**).



[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

**πέτ-ομαι** (§ 193, 2; theme *πετ-*, *πτ-*, § 14) *fly*, fut. **πήσομαι** (§ 38), 2d aor. **ἐπτόμην** (§ 208).

**πέττω** (§ 195, 1; *πεπ-*) *cook*, fut. **πέψω**, 1st aor. **ἔπεψα**, pf. mid. **πέπεμμαι** (§§ 27, 1; 247), 1st aor. pass. **ἐπέφθην**, vbl. **πεπτός**.

**πήγ-νῦ-μι** (§ 196, 5; theme *πηγ-*, *παγ-*, § 13), *fix*, fut. **πήξω**, 1st aor. **ἔπηξα**, 2d pf. **πέπηγα** *be fixed* (§ 494, 3), 2d aor. pass. as intrans. (cf. § 514) **ἐπάγην** (§ 232, 1).

**πιαίνω** (§ 292, 8) *fatten*, fut. **πιανῶ**, 1st aor. **ἐπίᾱνα** (§ 204, note 2), pf. mid. **πεπιάσμαι** (§ 247).

(ἐμ-) **πί-μ-πλη-μι** (§ 193, 3; for \**πι-πλη-μι* with sympathetic *μ*; theme *πλη-*, *πλα-*, § 13) *fill*, fut. (ἐμ-) **πλήσω**, 1st aor. (ἐν-) **ἔπλησα**, 1st pf. (ἐμ-) **πέπληκα**, pf. mid. (ἐμ-) **πέπλησμαι** (§ 189), 1st aor. pass. (ἐν-) **ἐπλήσθην** (§ 189), vbl. (ἐμ-) **πληστέος** (§ 189).

(ἐμ-) **πίμπρημι** (§ 193, 3; for \**πι-πρη-μι* with sympathetic *μ*; theme *πρη-*, *πρα-*, § 13) *burn*, fut. (ἐμ-) **πρήσω**, 1st aor. (ἐν-) **ἔπρησα**, pf. mid. (ἐμ-) **πέπρημαι**, 1st aor. pass. (ἐν-) **ἐπρήσθην** (§ 189).

**πί-ν-ω** (§ 196, 1; theme *πι-*, also related theme *πο-*, *πω-*, § 13) *drink*, fut. **πίομαι** (§ 216), 2d aor. **ἔπιον**, 1st pf. **πέπωκα**, pf. mid. **πέπομαι** (§ 188, 1), 1st aor. pass. **ἐπόθην** (§ 188, 1), vbls. **πο-τός**, **ποτέος** (§ 188, 1).

**πι-πρά-σκω** (§ 197, 1; *πρᾱ-*) *sell*, 1st pf. **πέπρᾱκα**, pf. mid. **πέπρᾱμαι**, 1st aor. pass. **ἐπράθην**, other forms supplied by other verbs (§ 164).

**πί-πτ-ω** (§ 193, 3; theme (*ποτ-*), *πετ-*, *πτ-*, § 14, and *πτω-* (*πτη-*), § 38, 1) *fall*, fut. **πεσοῦμαι** (for \**πετεομαι*), 2d aor. **ἔπεσον** (for \**έπετον*), 1st pf. **πέπτω-κα** (reduplication contrary to § 178, 1).

**πέτομαι**, poetic fut. **πετήσομαι** (§ 190), 2d aor. **ἔπτην** (as if from stem *πτα-*, inflected like *ἔστην*, § 257) and mid. **ἐπτάμην** (like *ἐπριάμην*, § 257); poetic also are **ποτάομαι** and **ποτέομαι** (§ 292, 2 and 3), regular.

**πεύθομαι** (§ 193, 2) *learn* (poetic) = **πυνθάνομαι**.

**πέφνον** *slew*, see [*φεν-*].

**πέφραδον** *indicated*, see *φράζω*.

**πήγνῦμι**, epic 2d aor. 3d sing. **κατ-έ-πηκ-το** (§ 207 a), poetic is 1st aor. pass. **ἐπήχθην**.

**πῖλ-νῃ-μι** (§ 196, 3) *approach* (epic), only pres. and impf. = **πελάζω**.

**πινύ-σκω** (§ 197; theme *π(ι)νν-*, cf. *πνέω*) *make wise*, epic 1st aor. **ἐπίνυσσα** (§ 201 a), pf. mid. **πέπνῦμαι** *am wise* (§ 535) with partic. **πεπνῦμένος** *wise*.

**πίπτω**, epic 2d pf. partic. **πε-πτῆ-ώς** (§ 220), in Attic poetry contracted to **πεπτώς**.



[Attic principal parts in **full-faced** type. Ionic and poetic forms at the bottom of the page.]

**πλάττω** (§ 195, 1; **πλατ-**) *mold, form* (fut. **πλάσω**), 1st aor. **ἔπλασα**, pf. mid. **πέπλασμαι** (§ 189, note), 1st aor. pass. **ἐπλάσθην** (§ 189, note), vbl. **πλαστός** (§ 189, note).

**πλέκ-ω** (§ 193; theme **πλοκ-**, **πλεκ-**, **πλακ-**, § 14, 1) *plait, knit* (fut. **πλέξω**), 1st aor. **ἔπλεξα**, 2d pf. **πέπλοχα** (§ 219, 1 and 3), pf. mid. **πέπλεγμαι**, 1st aor. pass. **ἐπλέχθην**, 2d aor. pass. **ἐπλάκην** (§ 232, 2).

**πλέω** (§§ 193, note; 199, 2; **πλευ-**, **πλυ-**, §§ 14, 2; 21) *sail*, fut. **πλεύσομαι** or **πλευσοῦμαι** (§ 214), 1st aor. **ἔπλευσα**, 1st pf. **πέπλευκα**, pf. mid. **πέπλευσμαι** (§ 189) (1st aor. pass. **ἐπλεύσθην**, § 189, late), vbl. **πλευστός** (§ 189).

**πλήττω** (§ 195, note 2; theme **πληγ-**, **πλαγ-**, § 13) *strike*, fut. **πλήξω**, 1st aor. **ἔπληξα**, 2d pf. **πέπληγα**, pf. mid. **πέπληγμαι**, 2d aor. pass. **ἐπλήγην** (contrary to § 232, 1), but in composition regularly **-επλάγην** (§ 232, 1).

**πλύνω** (§ 195, 4) *wash*, fut. **πλυνῶ**, 1st aor. **ἐπλῦνα** (§ 204), pf. mid. **πέπλυμαι**, 1st aor. pass. **ἐπλύθην**.

**πνέω** (§§ 193, note; 199, 2; **πνευ-**, **πνυ-**, §§ 14, 2; 21) *breathe, blow*, fut. **πνεύσομαι** and **πνευσοῦμαι** (§ 214), 1st aor. **ἔπνευσα**, 1st pf. **πέπνευκα**.

**πνίγ-ω** (§ 193; **πνίγ-**, **πνιγ-**, § 13) *choke*, fut. **πνίξω**, 1st aor. **ἔπνιξα**, pf. mid. **πέπνιγμαι**, 2d aor. pass. **ἐπνίγην** (§ 232, 1).

**ποθῶ(-έω)** *desire*, has forms both with **ε** and **η** (cf. § 188), as fut. **ποθήσω** or **ποθέσομαι** (§ 507), 1st aor. **ἐπόθησα** or **ἐπόθεσα**.

**πίτ-νη-μι** (§ 196, 3) *spread* (poetic) = **πετάννυμι**.

**πίτ-νω** (§ 196, 1) *fall* (poetic) = **πίπτω**.

**πλάζω** (§ 195, note 1) *cause to wander* (Ionic and poetic), fut. mid. **πλάξομαι** *shall wander*, 1st aor. **ἔπλαγξα**, 1st aor. pass. **ἐπλάγχθην** *wandered* (§ 158, 3).

**πλάττω**, Ionic **πλάσσω** (§ 22), epic 1st aor. **ἔπλασσα** (§ 201 a).

**πλέω**, epic also **πλείω**. Ionic and poetic **πλώω**, fut. **πλώσομαι** (§ 507), 1st aor. **ἔπλωσα**, 2d aor. **ἔπλων** (§ 209), 1st pf. **πέπλωκα**, vbl. **πλωτός**.

**πλήττω**, epic plupf. with variable vowel (**ἐ**) **πέπληγον**, poetic and rare is 1st aor. pass. **ἐπλήχθην**.

**πνέω**, epic also **πνείω**, epic 2d aor. 3d sing. **ἄμ-πνῦτο** (§ 209) and impv. **ἄμ-πνυο** (Mss. **ἄμπνυε**).

**ποιῶ(-έω)** *do*, poetic is **ποῶ** (§ 21).

[root **πορ-**, **πρω-**, § 38, 1] *give, allot* (poetic), 2d aor. **ἔπορον**, pf. mid. 3d sing. **πέτρωται** *it is fated*, and partic. **πεπρωμένος** *fated*.

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**πράττω** (§ 195, note 2; *πῤῥαγ-*) *do*, fut. **πράξω**, 1st aor. **ἔπρᾱξα**, 2d pf. **πέπρᾱγα**, rarely **πέπρᾱχα** (§ 219, 1), 1st aor. pass. **ἐπράχθην**, vbl. **πῤῥακ-τέος** (§ 25).

[root *πῤῥα-* (cf. *πέρνημι*)] *buy*, only 2d aor. **ἐπριάμην** (see § 257 and § 211, note).

**πρίω** (§ 193) *saw*, 1st aor. **ἔπρισα**, pf. mid. **πέπρισμαι** (§ 159), 1st aor. pass. **ἐπρίσθην** (§ 189).

**πτάρ-νυ-μαι** (§ 196, 5) *sneeze*, 2d aor. **ἔπαρον**.

**πτήσσω** (§ 195, 1; theme *πτηκ-*, *πτακ-*, § 13) *cover*, 1st aor. **ἔπηξα**, 2d pf. **ἔπηχα** (§ 219, 1).

**πτύσσω** (§ 195, 1; *πτυχ-*) *fold*, fut. **πτύξω**, 1st aor. **ἔπτυξα**, pf. mid. **ἔπτυγμαι** (§ 247), 1st aor. pass. **ἐπτύχθην**.

**πυνθάνομαι** (§ 196, 2; theme *πειθ-*, *πυθ-*, § 14, 2) *learn, inquire*, fut. **πεύσομαι** (for *\*πειθ-ισομαι*, § 30), 2d aor. **ἐπυθόμην** (§ 158, 3), pf. **πέπυσμαι** (§ 189, note), vbl. **πενστέος**.

**ράπτω** (§ 194; *ῥαφ*) *stitch*, fut. **ράψω**, 1st aor. **ἔρραψα**, pf. mid. **ἔρραμμαι** (§ 27, 1), 2d aor. pass. **ἐρράφην**, vbl. **ῥαπτός**.

**ράττω** **ἄράττω** q.v., fut. **ράξω**, 1st aor. **ἔραξα**, 1st aor. pass. **ἐρράχθην**.

**ρέω** (§ 193, note; theme *ῥε-*, *ῥυ-*, §§ 14, 2; 21) *flow*, fut. **ρεύσομαι** and **ῥύησομαι** (§ 519, note 2), 1st pf. **ἔρρύηκα** (§ 190), 2d aor. pass. as intrans. (§ 514) **ἔρρύην**, vbl. **ῥυτός**.

**πράττω**, Ionic **πρήσσω** (§§ 15 a; 22).

**πτήσσω** (Ionic and poetic also **πτώσσω**), poetic 2d aor. **ἔπτακον** (§ 208).

Homer has also from theme *πτα-*, 2d aor. dual **πτή-την** (§ 209) and 2d pf. partic. **πε-πτη-ώς** (§ 220).

**πίσσω** *pound* (Ionic, poetic, and late), 1st aor. **ἔπιτσα**, pf. mid. **ἔπιτсμαι** (§ 189 note), 1st aor. pass. **ἐπίσθην** (§ 189, note).

**ραίνω** (for *\*ῥαν-ω*, § 195, 4) *sprinkle* (Ionic and poetic), fut. **ῥανῶ**, 1st aor. **ἔῤῥα** (§ 204, note 2), pf. mid. **ἔρρασμαι** (§ 247), 1st aor. pass. **ἐρράνθην**.

Homer has also forms as if from root *ῥαδ-*: 1st aor. **ἔρρασσα**, and pf. 3d pl. **ἐρράδ-αται**, plupf. **ἐρράδατο** (§ 226 a).

**ραί-ω** (§ 193) *strike* (poetic), fut. **ραίσω**, 1st aor. **ἔρραισα**, 1st aor. pass. **ἐρραίσθην** (§ 189).

**ρέξω** (§ 195, 2; for *\*(f)ρεγ-ω*, § 2 a, cf. *ἔρδω* and *ἔργον work*) *do* (poetic), fut. **ῥέξω**, 1st aor. **ἔρρεξα** and **ῥεξεα**, 1st aor. pass. partic. **ῥεχθéis**, vbl. **ῥεκτός**.

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[root **ῥη-**] pf. **εἶρηκα** *have said*, pf. mid. **εἶρημαι**. 1st aor. pass. **ἐρρήθην**, see **εἶρω**.

**ῥήγ-νῦ-μι** (§ 196, 5; theme **ῥηγ-**, **ῥαγ-**, § 13, and a stronger form **ῥωγ-**) *break*, fut. **ῥήξω**, 1st aor. **ἔρρηξα**, 2d pf. **ἔρρωγα** *am broken* (§ 191, 3), pf. mid. (rare) **ἔρρηγμαι**, 2d aor. pass. **ἐρράγην** (§ 232, 1).

**ρίγῶ**(-όω?) *shiver*, in pres. contracts to **ω** and **ψ** instead of **ου** and **οι**; as opt. **ῥιγῶην**, infin. **ῥιγῶν**, cf. **δηλῶ** (§ 250), fut. **ῥιγώσω**, 1st aor. **ἐρρίγωσα**.

**ῥίπτ-ω** (§ 194; **ῥίπ-**; **ῥιπ-**, § 13) and **ῥίπτῶ**(-έω, § 190) *throw*, fut. **ῥίψω**, 1st aor. **ἔρριψα**, 2d pf. **ἔρριφα** (§ 219, 1), pf. mid. **ἔρριμμαι** (§ 27, 1), 2d aor. pass. **ἐρρίφην**.

**ῥών-νῦ-μι** (§ 196, note) *strengthen*, 1st aor. **ἔρρωσα**, pf. mid. **ἔρρωμαι** (partic. **ἔρρωμένος** *strong*, as an adjective), 1st aor. pass. **ἐρρώσθην** (§ 189).

**σαίρω** (§ 195, 4; theme **σηρ-**, **σαρ-**, § 13) *clean off*, 2d pf. **σέσηρα** (§ 535) *show the teeth, grin*.

**σαλπίζω** (§ 195, note 1; **σαλπιγγ-**) *sound a trumpet*, 1st aor. **ἐσάλπιξα**.

**σάπτω** (§ 195, note 2; **σαγ-**) *pack, loud*, 1st aor. **ἔσαξα**, pf. mid. **σέσαγμαι**.

**σβέν-νῦ-μι** (§ 196, note) *extinguish*, fut. **σβέσω** (§ 188), 1st aor. **ἔσβεσα** (§ 188), 1st pf. **(ἀπ-)ἔσβηκα** (§ 218, 2) intrans. *have gone out* (§ 494, 3), 1st aor. pass. **ἐσβέσθην**, and 2d aor. pass. as intrans. (§ 514), **(ἀπ-)ἔσβην** *went out*.

**ῥιγῶ**(-έω) *shudder* (poetic), fut. **ῥιγήσω**, 1st aor. **ἐρρίγησα**, 2d pf. **ἔρριγ-α** (§§ 190; 535).

**ῥίπτω**, poetic 1st aor. pass. **ἐρρίφθην**.

**ῥύομαι** (§ 193) *defend, protect* (poetic) = **ῥρῦμαι**. q. v., fut. **ῥόσομαι**, 1st aor. **ἐρρυσάμην**, 2d aor. mid. 3d sing. **ἐρ(ρ)ῦτο** (§ 209), 3d pl. **ῥό-ατο** (§§ 167 d; 171 a), pf. mid. **εἵρῦμαι**? (referred also to **ῥρῦμαι**).

**ῥυπῶ** *soil*, epic pf. mid. partic. **ῥε-ρυπω-μένος** (contrary to § 178, 1). Also a pres. **ῥυπάω** *be dirty* (cf. § 292, 1 and 3).

**σαίρω** (§ 195, 4; **σαν-**) *faun upon* (poetic), 1st aor. **ἔσηνα** (§ 201, note 2).

**σαός** (§ 292, 1; cf. **σάος** *safe*) *sare* (poetic), fut. **σαώσω**, 1st aor. **ἐσάωσα**, 1st aor. pass. **ἐσαώθην** (epic. pres. subj. 2d sing. **σαῶς** (cf. § 170, 2; Mss. **σῶης**, **σῶοις**), 3d sing. **σαῶ** (cf. § 170, 2; Mss. **σῶω**, **σῶη**, **σῶοι**), 3d pl. **σαῶσι** (Mss. **σῶωσι**, cf. § 199 b), epic. impf. 3d sing. **σῶον** (§ 171 a; Mss. **σῶω**, cf. § 199 b), epic impv. 2d sing. **σῶον** (for \***σαοε**; Mss. **σῶω**, cf. § 199 b).

[Attic principal parts in **full-faced type**. Ionic and poetic forms at the bottom of the page.]

**σέβ-ω** (§ 193) more often **σέβομαι** (§ 158, 3) *revere*, 1st aor. **ἑσέφθην** (§ 158, 3).

**σεί-ω** (§ 193) *shake*, fut. **σεισω**, etc., regular, but pf. mid. **σέσεισμαι** (§ 189) and 1st aor. pass. **ἑσεισθην** (§ 189).

**σημαίνω** (§ 292, 8; cf. **σήμα** *sign*) *show*, fut. **σημανῶ** (§ 213), 1st aor. **ἑσήμηνα** (§ 204, note 2), pf. mid. **σεσήμασμαι** (§ 247), 1st aor. pass. **ἑσημάνθην**.

**σήπ-ω** (§ 193, 1; theme **σηπ-**, **σαπ-**, § 13) *rot* (fut. **σήψω**), 2d pf. **σέσηπα** *be rotten* (§ 494, 2), 2d aor. pass. as intrans. (§ 514) **ἑσάπην**.

**σκάπ-τω** (§ 194; **σκαφ-**) *dig*, fut. **σκάψω**, 1st aor. **ἔσκαψα**, 2d pf. **ἔσκαφα** (§ 219, 1), pf. mid. **ἔσκαμμαι** (§ 247), 2d aor. pass. (**κατ-**)**ἑσκάφην**.

**σκεδάν-νῦμι** (§ 196, note) *scatter*, fut. **σκεδῶ** (cf. § 212, 1), 1st aor. **ἑσκέδασα**, pf. mid. **ἑσκέδασμαι** (§ 189), 1st aor. pass. **ἑσκεδάσθην** (§ 189).

**σκέπ-τομαι** (§ 194; **σκεπ-**) *view* (in Attic prose the present is usually supplied (§ 164) by **σκοπῶ** (-έω), regular), fut. **σκέψομαι**, 1st aor. **ἑσκεψάμην** (§ 158, 3), pf. **ἑσκεμμαι** (§ 247), vbl. **σκεπτέος**.

**σκήπ-τω** (§ 194; **σκηπ-**) *prop*, fut. **σκήψω**, 1st aor. **ἔσκηψα**, pf. mid. **ἔσκημμαι** (§ 247), 1st aor. pass. **ἑσκήφθην**.

**σκώπ-τω** (§ 194; **σkowπ-**) *jeer*, fut. **σκώψομαι** (§ 507), 1st aor. **ἔσκωψα** (pf. mid. **ἔσκωμμαι**, § 247), 1st aor. pass. **ἑσκώφθην**.

**σμῶ** (**σμῆς**, **σμῆ**, etc., § 199, 3) *smear*, otherwise regular, fut. **σμήσω**, etc.

**σεύω** (§ 193; theme **σευ-**, **συ-**, § 14, 2) *drive on, urge* (poetic), aor. **ἔσσενα** (§§ 172, 1 a; 207, note 1), aor. mid. 2d sing. **ἔσσω**, 3d sing. **ἔσσυ-το** (**σύτο**), and partic. **σύ-μενος** (§ 211 a), pf. mid. **ἔσσυμαι** *be in haste* (§ 535), 1st aor. pass. **ἑσσύθην** or **ἑσύθην** *rushed* (cf. § 514). Also a pres. **σοῦμαι** (from \***σοέομαι** ?), etc., impv. **σοῦ**, **σοῦσθω**, infin. **σοῦσθαι**. (For **σεῦ-ται**, assumed to be a -**μι** form, perhaps **σοῦται** should be read.)

**στίνομαι** (§ 195, 4; **σιν-**) *injure*, 1st aor. **ἐστῖνάμην** (Ionic).

**στέλλω** (§ 195, 3; **σκελ-**, **σκαλ-**, §§ 14, 1; 38) *dry up* (Ionic and poetic), epic 1st aor. **ἔσκηλα** (with **η**, § 204), 2d aor. intrans. (§ 294, 1), **ἔσκλην** (§§ 207 a; 209), 1st pf. **ἔ-σκλη-κα** (§ 218, 3).

**σκενάζω** *make ready*, regular. Herodotus has pf. 3d pl. **ἑσκενάδ-αται**, plupf. **ἑσκενάδ-ατο** (§ 226 a).

**σκίδνῃ-μι** (§ 193, 3) *scatter* (poetic) = **σκεδάννυμι**, q.v.

**σμήχω** (Ionic and poetic, = **σμῶ**), 1st aor. **ἔσμηξα**, 1st aor. pass. **ἑσμήχθην**, **σοῦμαι**. See **σεῦω**.

[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

**σπείρω** (§ 195, 4; theme *σπερ-, σπαρ-*, § 14, 1) *sow*, fut. **σπερώ**, 1st aor. **ἐσπειρα**, pf. mid. **ἐσπαρμαι** (§ 224, note), 2d aor. pass. **ἐσπάρην** (§ 232, 2), vbl. **σπαρτός**.

**σπένδ-ω** (§ 193), *pour libation*, fut. **σπείσω** (for \*σπενδ-σω, § 34), 1st aor. **ἐσπείσα**, pf. mid. **ἐσπείσμαι** (§ 189, note).

**σπῶ**(-άω, § 188) *draw*, fut. **σπάσω**, 1st aor. **ἐσπασα**, 1st pf. **ἐσπακα**, pf. mid. **ἐσπασμαι** (§ 189), 1st aor. pass. **ἐσπάσθην** (§ 189), vbl. **σπαστός** (§ 189).

**στέλλω** (§ 195, 3; theme *στελ-, σταλ-*, § 14, 1) *send*, fut. **στελώ** (§ 213), 1st aor. **ἔστειλα** (§ 204), 1st pf. **ἔσταλκα** (§ 218, 4), pf. mid. **ἔσταλμαι** (§ 224, note), 2d aor. pass. **ἐστάλην** (§ 232, 2).

**στενάζω** (§ 195, 2; *στεναγ-*) *groan*, fut. **στενάξω**, 1st aor. **ἐστέναξα**.

**στέργ-ω** (§ 193, 2; theme *στοργ-, στεργ-*, § 14) *love*, fut. **στέρξω**, 1st aor. **ἔστερξα**, 2d pf. **ἔστοργα** (§ 219, 3).

(ἀπο-) **στερῶ** (-έω, § 292, 2) and **στερ-ίσκω** (§ 197) *deprive*, also a pres. mid. **στέρομαι** *be deprived, be in want*, fut. **στερήσω**, etc., regular.

**στιῶ** (§ 195, 2; *στιγ-*) *prick*, fut. **στίξω**, 1st aor. **ἔστιξα**, pf. mid. **ἔστιγμαι**, vbl. **στικτός** (§ 25).

**στόρν-νῦμι** (§ 196, 5) *spread*, in prose usually **στρώννῦμι** (§ 38, 1) q.v., fut. **στορώ** (for *στορέσω*, § 212, 1), 1st aor. **ἐστόρεσα** (§ 188).

**στρέφ-ω** (§ 193, 2; theme *στροφ-, στρεφ-, στραφ-*, § 14, 1) *turn*, fut. **στρέψω**, 1st aor. **ἔστρεψα**, 2d pf. **ἔστροφα** (§ 219, 3), pf. mid. **ἔστραμμαι** (§ 224, note), 1st aor. pass. **ἐστρέφθην** (mostly epic, rare in prose), usually 2d aor. pass. as intrans. (§ 514) **ἐστράφην** (§ 232, 2), vbl. **στρεπτός**.

**στρών-νῦμι** (§ 196, note) *spread* (cf. **στόρνῦμι**), fut. **στρώσω**, 1st aor. **ἔστρωσα**, pf. mid. **ἔστρωμαι**, 1st aor. pass. **ἐστρώθην**.

**στάζω** (§ 195, 2; *σταγ-*) *drop* (Ionic and poetic, rare in prose), [fut. **στάξω**], 1st aor. **ἔσταξα**, pf. mid. **ἔσταγμαι**, aorists pass. **ἐστάχθην** (1st) and **ἐστάγην** (2d).

**στείβω** (§ 193, 2) *tread* (mostly poetic), fut. **στείψω**, etc., regular. Also **στιβῶ** (-έω), pf. mid. **ἐστίβημαι**.

**στείχ-ω** (§ 193, 2; *σειχ-, στιχ-*, § 14, 2) *march*, 1st aor. **ἔστειξα**, and epic 2d aor. intrans. **ἔστιχον** (§ 208).

**στέρομαι**, poetic 2d aor. pass. **ἐστέρην** (contrary to § 232, 2).

**στεύται**, **στεύνται**, and **στεύτο** (poetic) *set one's self at, promise, threaten* (only pres. and impf.).

[Attic principal parts in **full-faced type**. Ionic and poetic forms at the bottom of the page.]

**συρίτω** *whistle*, see **συρίζω** below.

**σύρω** (§ 193) *draw* (fut. **συρῶ**), 1st aor. **ἔσυρα**, 1st pf. **σέσυρκα**, pf. mid. **σέσυρμαι** [2d aor. pass. **ἔσύρην**, late].

**σφάζω** (§ 195, 2; **σφαγ-**), in prose commonly **σφάττω** (§ 195, note 2) *slay*, fut. **σφάξω**, 1st aor. **ἔσφαξα**, pf. mid. **ἔσφαγμαι**, 2d aor. pass. **ἔσφάγην**, vbl. **σφακτός**.

**σφάλλω** (§ 195, 3; **σφαλ-**) *trip, deceive*, fut. **σφαλῶ**, 1st aor. **ἔσφηλα** (§ 204, note 2), pf. mid. **ἔσφαλμαι**, 2d aor. pass. **ἔσφάλην**.

**σώζω** (for **\*σω-ίζω**, § 292, 6; cf. **σῶς** *safe*) *save*, fut. **σώσω** (contr. from **σαώσω**, see **σαόω**), 1st aor. **ἔσῳσα** (and **ἔσωσα**, contr. from **ἐσάωσα**, see **σαόω**), pf. **σέσῳφα** (and **σέσωκα**, from **σαιώω**), pf. mid. **σέσῳσμαι** (§ 189, and **σέσωμαι**, contr. from **σεσάωμαι**, see **σαιωω**), 1st aor. pass. **ἔσώθην** (contr. from **ἐσαώθην**, see **σαόω**), vbl. **σφστέος** (§ 189).

**ταράττω** (§ 195, 1; **ταραχ-**) *disturb*, fut. **ταράξω** (fut. mid. often pass., § 515, 1), 1st aor. **ἐτάραξα**, pf. mid. **τετάραγμαι**, 1st aor. pass. **ἐταράχθην**.

**τάττω** (§ 195, note 2; **ταγ-**) *arrange*, fut. **τάξω**, 1st aor. **ἔταξα**, 2d pf. **τέταχα** (§ 219, 1), pf. mid. **τέταγμαι**, 1st aor. pass. **ἐτάχθην**, vbls. **τακτός**, **τακτέος** (§ 25).

**τείνω** (§ 195, 4; theme **τεν-**, **τα-**, § 14, note) *stretch*, fut. **τενῶ**, 1st aor. **ἔτεινα**, 1st pf. **τέτακα** (§ 218, 4), pf. mid. **τέταμαι** (§ 224, note),

**στιγῶ** (**-έω**, § 190) *hate* (Ionic and poetic), fut. mid. (as pass. § 515, 1) **στιγῆσομαι**, 1st aor. **ἐστύγησα**, and trans. **ἔστιξα** *made hateful*, 2d aor. (epic) **ἔστυγον**, 1st pf. **ἐστύγηκα** (§ 535), 1st aor. pass. **ἐστυγήθην**.

**συρίζω** (§ 195, note 4; **συριγγ-**), Attic **συρίτω** (§ 195, note 2) *whistle*, 1st aor. **ἐσύριξα**.

**σφάζω**, Ionic and poetic is the rare 1st aor. pass. **ἔσφάχθην**.

**σχεθεῖν**, **ἔσχεθον**, etc. See **ἔχω**.

[root **ταγ-**] only epic 2d aor. partic. **τεταγών** *seizing* (§ 208, 1 a).

**τα-νύω** (§ 196, 5, for **\*τυν-νύω**, § 14, note; cf. **τείνω**) *stretch* (poetic and Ionic), also pres. mid. **τά-νν-μαι** (pres. theme is carried into the other tenses), fut. **τανύω** (§ 216), 1st aor. **ἐτάννυσα** and **ἐτάννυσσα** (§ 201 a), pf. mid. **τετάννυμαι**, 1st aor. pass. **ἐτανύσθην**.

**ταράττω**, Ionic **ταράσσω** (§ 22), epic 2d pf. intrans. (§ 494, 3) **τέ-τρηχ-α** (§ 38) *be disturbed*.

[root **ταφ-** (for **\*θαφ-**, § 41), **θηπ-** (§ 13)] (poetic), only 2d aor. **ἔταφον**, 2d pf. **τέθηπα** (§ 219, 2), epic plupf. **έ-τε-θήπεα** (§ 222 a).



[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

1st aor. pass. ἐτάθην (for \*ἐ-τν-θην, § 14, note, contrary to § 231, 1), vbls. τατός, τατέος (§ 14, note).

τεκμαίρομαι *judge, infer*, fut. τεκμαροῦμαι, 1st aor. ἐτεκμηράμην (§ 158, 3). (ἀνα-)τέλλω (§ 195, 3; theme τελ-, ταλ-, § 14, 1) *cause to rise, rise*, 1st aor. (ἀν-)ἔτεila, pf. mid. (ἐν-)τέταλμαι (§ 224, note).

τελῶ (-έω for \*τελεσ-ιω, § 292, 2; cf. τέλος *end*) *finish*, fut. τελῶ (§ 212, 1), 1st aor. ἐτέλεσα (§ 188), pf. τετέλεκα (§ 188), pf. mid. τετέλεσμαι (§ 189), 1st aor. pass. ἐτέλεσθην (§ 189), vbl. τελεστέος (§ 189).

τέμ-νω (§ 196, 1; τεμ-, ταμ-, § 14, 1) *cut*, fut. τεμῶ, 2d aor. ἔτεμον, 1st pf. τέτμηκα (§ 218, 3), pf. mid. τέτμημαι (§ 224, 1), 1st aor. pass. ἐτέμθην (§ 38, 1), vbl. τμητέος (§ 38, 1).

τέρπ-ω (§ 193, 2; τερπ-, ταρπ-, § 14, 1) *delight*, fut. τέρψω, 1st aor. ἔτερψα, 1st aor. pass. ἐτέρφθην.

τετραίνω (§ 195, 4, τετραν-) *bore*; also tenses from theme τερ-, τρη-, § 38, 1, 1st aor. ἐτέτρᾶνα (§ 204, note 2), also ἔτρησα, pf. mid. τέτρημαι (τρη-).

τήκ-ω (§ 193, 1; theme τηκ-, τακ-, § 13) *melt*, fut. τήξω, 1st aor. ἔτηξα, 2d pf. τέτηκα *am melted* (§ 494, 2), 2d aor. pass. as intrans. (§ 514), ἐτάκην (§ 232, 1) *melted*, vbl. τηκ-τός.

τεκμαίρομαι, act. τεκμαίρω *set a mark* is poetic.

[root τεμ-, τμ-] *encounter*, only epic 2d aor. ἔ-τε-τμ-ον (§ 208, 1 a) and τε-τμ-ον (§ 171 a).

τέμνω, Ionic and poetic τάμνω, 2d aor. ἔταμον (§ 208). See also τμήγω.

τέρπω, epic 2d aor. mid. τε-ταρπ-ομένη (§§ 208; 208, 1 a; 171 a), subj. τετάρπωμαι and τάρπωμαι, 1st aor. pass. also ἐτάρφθην, and 2d aor. pass. (cf. § 514) ἐτάρπην, with subj. 1st pl. τραπήομεν (§§ 38; 233, 1 a; Mss. τραπέιομεν).

τερσαίνω (§ 195, 4) *dry*, epic 1st aor. τέρσηνα (§ 171 a).

τέρσομαι (poetic) *become dry*, 2d aor. pass. as intrans. (§ 514) ἐτέρσην *became dry*.

τεταγών *having seized*. See [ταγ-].

τετίησθον, τετιηώς, τετιημένος. See [τιε-].

τέτμον. See [τεμ-].

τεύχ-ω (§ 193, 2; theme τευχ-, τυχ-, § 14, 2) *make ready* (poetic), fut. τεύξω, 1st aor. ἔτευξα, 2d aor. infin. (from theme τυκ-) τετυκεῖν, 3d pl. mid. τετύκοντο (§ 171 a), 2d pf. τέτευχα *be ready* (§ 494, 3), pf. mid. τέ-τυγ-μαι (§ 224, note; for 3d pl. τετύχ-αται, τετύχ-ατο, see § 226 a), epic 1st aor. pass. ἐτύχθην (contrary to § 231, 4). Cf. τυγχάνω.

τήκω, rare and mostly poetic is 1st aor. pass. ἐτήχθην *was melted*.



[Attic principal parts in **full-faced** type. Ionic and poetic forms at the bottom of the page.]

**τί-θη-μι** (§ 193, 3; theme *θη-, θε-,* § 13) *put* (inflection § 251), fut. **θήσω**, aor. **ἔθηκα** (§ 211, 3, inflection § 255), 1st pf. **τέθηκα**, pf. mid. **τέθειμαι**, but usually supplied by **κείμει** (§ 264), 1st aor. pass. **ἐτέθην** (§ 40), vbls. **θετός, θετός**.

**τίκτω** (for *\*τι-τκ-ω*, § 193, 3; theme *τοκ-, τεκ-, τκ-,* § 14) *beget, bring forth*, fut. **τέξω**, 2d aor. **ἔτεκον**, 2d pf. **τέτοκα** (§ 219, 3), 1st aor. pass. **ἐτέχθην**.

**τί-νω** (§ 196, 1; theme *τει-, τε-,* § 14, 2) *pay*, fut. **τείσω**, 1st aor. **ἔτεισα**, 1st pf. **τέτεικα**, pf. mid. **τέτεισμαι** (§ 189), 1st aor. pass. **ἐτέισθην** (§ 189), vbl. **τειστέος** (§ 189).

**τι-τρώ-σκω** (§ 197, 1; *τρω-*) *wound*, fut. **τρώσω**, 1st aor. **ἔτρωσα**, pf. mid. **τέτρωμαι**, 1st aor. pass. **ἐτρώθην**.

**τρέπ-ω** (§ 193, 2; theme *τροπ-, τρεπ-, τραπ-,* § 14, 1) *turn*, fut. **τρέψω**, 1st aor. **ἔτρεψα**, 2d aor. mid. **ἐτραπόμην** (§ 208) *turned, fled*, 2d pf. **τέτροφα** (sometimes possibly **τέτραφα**), pf. mid. **τέτραμμαι** (§ 224, note), 1st aor. pass. **ἐτρέφθην** and 2d aor. pass. usually as intrans. (§ 514) **ἐτράπην** (§ 232, 2) *turned*, vbl. **τρεπτέος**.

**τρέφ-ω** (§ 193, 2; theme *τροφ-, τρεφ-, τραφ-,* § 14, 1; for *\*θροφ-, etc.*, § 41) *support, feed, rear*, fut. **θρέψω** (§ 41), 1st aor. **ἔθρεψα** (§ 41).

[root *τιε-*] only epic 2d pf. partic. **τετιηώς** *troubled*, dual, mid. **τετιη-σθον**, mid. partic. **τετιημένος** *troubled*.

**τίλλω** (§ 195, 3; *τιλ-*) *pluck* (mostly poetic) fut. **τιλῶ**, 1st aor. **ἔτιλα**, pf. mid. **τέτιλμαι**, 1st aor. pass. **ἐτίλθην**.

**τινω**, Homer has **τίνω** (with long *ι*); in pres. and impf. **τί-ω** (§ 193) *give what is due, honor* (poetic), fut. **τίσω**, 1st aor. **ἔτισα**, pf. mid. **τετιμένος**.

**τι-ταίνω** (§ 195, 4; theme *ταν-* reduplicated; cf. **τείνω**) *stretch* (epic), 1st aor. **ἐτίτηναι** (§ 204).

[root *τλη-, τλα-, ταλα-*] *endure* (poetic), fut. **τλήσομαι**, 1st aor. **ἐτάλασσα** (*ταλα-*), 2d aor. **ἔτλην** (like **ἔστην**, § 257), 1st pf. **τέ-τλη-κα**, also 2d pf. without suffix (§§ 220; 258) **τέτλαμεν**, opt. **τετλαίην**, impv. **τέτλαθι**, etc.

**τμήγω** (§ 193, 1; *τμηγ-, τμαγ-*) *cut* (poetic = **τέμνω**), fut. **τμήξω**, 1st aor. **ἔτμηξα**, 2d aor. **ἔτμαγον** (§ 208), 2d aor. pass. **ἐτμάγην** (§ 232, 1).

**τορῶ(-εω)** *pierce* (poetic), fut. **τορήσω**, and from redup. aor. stem (§ 519, note 2) **τετορήσω**, 1st aor. **ἐτόρησα**, 2d aor. **ἔτορον** (cf. § 190).

**τρέπω**, Ionic has sometimes **τράπω**, poetic 2d aor. act. **ἔτραπον**, Homer and Herodotus have 1st aor. pass. **ἐτράφθην**.

**τρέφω**, epic 2d aor. (intrans.) **ἔτραφον** *grew up* (§ 494, 1), poetic 1st aor. pass. **ἐθρέφθην**.

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2d pf. **τέτροφα** (§ 219, 3), pf. mid. **τέθραμμαι** (§ 224, note), 2d aor. pass. **ἐτράφην** (§ 232, 2).

**τρέχ-ω** (§ 193; theme **θρεχ-**, § 41) *run*; other tenses supplied (§ 164) from theme **δραμ-**; fut. **δραμοῦμαι**, 2d aor. **ἔδραμον**, pf. **δεδράμῃκα** (§ 190), pf. mid. **δεδράμῃμαι** (§ 190), but vbl. **θρεκτός**.

**τρέω** (§ 199, 2) *tremble*, 1st aor. **ἔτρεσα** (§ 188).

**τρίβ-ω** (§ 193; **τρίβ-**, **τριβ-**) *rub*, fut. **τρίψω**, 1st aor. **ἔτριψα**, 2d pf. **τέτριφα**, pf. mid. **τέτριμμαι** (§ 247), 1st aor. pass. **ἐτρίφθην**, but more often 2d aor. pass. **ἐτρίβην**.

**τρύχ-ω**, **τρυχῶ** (-όω), and **τρύ-ω** *wear away, exhaust*, all regular, but see § 164.

**τρώγ-ω** (§ 193; **τρωγ-**, **τραγ-**) *gnaw*, fut. **τρώξομαι** (§ 507), 2d aor. **ἔτραγον**, pf. mid. **τέτρωγμαι**, vbl. **τρωκτός**.

**τυγχάνω** (§ 196, 2; theme **τευχ-**, **τυχ-**, § 14, 2) *hit, happen*, fut. **τεύξομαι** (§ 507), 2d aor. **ἔτυχον** (§ 208), 1st pf. **τετύχηκα** (§ 190).

**τύπτ-ω** (§ 194; **τυπ-**) *strike*, fut. **τυπτήσω** (§§ 190; 519, note 2), other tenses usually supplied (§ 164) from **παίω** or **πατάσσω**; pass. supplied from **πλήττω**.

**τύφ-ω** (§ 193; theme **θυφ-**, § 41) *raise smoke, smoke*, pf. **τέθῡμαι**, 2d aor. pass. as intrans. (§ 514) **ἐτύφην**.

**ὑπισχ-νοῦμαι** (-έομαι, § 196, 4) *promise* (§ 508), fut. **ὑποσχέσομαι**, 2d aor. **ὑπεσχόμην**, pf. **ὑπέσχημαι**; cf. **ἔχω** and **ἴσχω**.

**ὑφαίνω** (§ 195, 4; **ὑφαν-**) *weave*, fut. **ὑφανῶ**, 1st aor. **ὑφήνα** (§ 204, note 2), pf. mid. **ὑφασμαι** (§ 247), 1st aor. pass. **ὑφάνθην**, vbl. **ὑφαντός**.

**ὔ-ω** (§ 193) *rain*, fut. **ὔσω**, 1st aor. **ὔσα**, pf. mid. **ὔσμαι** (§ 189), 1st aor. pass. **ὔσθην** (§ 189).

**τρέχω**, poetic fut. **θρέξομαι** (§ 507), 1st aor. **ἔθρεξα** (§ 41).

**τρίβω** (§ 195, 2; **τρίγ-**) *squeak* (Ionic and poetic), 2d pf. **τέ-τρίγ-α** (§ 535) with Epic partic. **τετρίγώς**, -γῶτος, fem. **τετρίγνῖα**.

**τρώω** *wound* (epic, rare) = **τιτρώσκω**.

**τυγχάνω**, epic also 1st aor. **ἐτύχησα**, Ionic and late is 2d pf. **τέτευχα**.

Homer often uses **τέτυγμαι**, **ἐτύχθην** (from **τεύχω**) in almost the sense of **τετύχηκα**, **ἔτυχον**.

**τύπτω**, epic and Ionic 1st aor. **ἔτυψα**, poetic 2d aor. **ἔτυπον**, pf. mid. (Ionic and poetic) **τέτυμμαι** (§ 27, 1), poetic 2d aor. pass. **ἐτύπην**.

**ὑπισχνοῦμαι**, Ionic and poetic usually **ὑπίσχομαι**.

[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

**φαίνω** (for \**φαν-ω*, § 195, 1; theme *φαν-*) *show*, fut. **φανῶ**, 1st aor. **ἔφην** (§ 204, note 2), 1st pf. **πέφαγκα**, 2d pf. **πέφην** *have appeared* (§ 491, 2), pf. mid. **πέφασμαι** (see § 247), 2d aor. pass. as intrans. (§ 514) **ἐφάνην** *appeared*.

**φάσκω** (§ 197) *say*, only pres. and impf.; see **φημί**.

**φείδ-ομαι** (§ 193, 2; theme *φειδ-, φιδ-*) *spare*, fut. **φείσομαι** (for \**φειδ-ομαι*, § 30), 1st aor. **ἐφεισάμην**, vbl. **φεισ-τέος** (§ 26).

**φέρ-ω** (§ 193, 2) *carry* (see § 161), fut. supplied by **οἴσω**, aor. supplied by **ἤνεγκα** (§ 207, note 1) or 2d aor. **ἤνεγκον** (theme *ένεγκ-*), 2d pf. **ἐν-ήνοχα** (§§ 179; 219, 1 and 3), pf. mid. **ἐν-ήνεγμαι** (§ 224, note), 1st aor. pass. **ἠνέχθην**, vbls. **οἰστός**, **οἰστέος**. Cf. [*έρεκ-*].

**φεύγω** (§ 193, 2; *φενγ-, φηγ-*, § 14, 2), also rarely **φυγγάνω** (§ 196, 2) *flee*, fut. **φεύξομαι** or **φενξοῦμαι** (§ 214), 2d aor. **ἔφυγον** (§ 208), 2d pf. **πέφευγα** (§ 219, note 1).

**φημί** (§ 193; *φη-, φα-*, § 13) *say* (inflection § 263), fut. **φήσω**, 1st aor. **ἔφησα**, vbls. **φατός**, **φατέος**.

**φθά-νω** (§ 196, 2; *φθη-, φθα-*, § 13) *anticipate*, fut. **φθήσομαι** (§ 507; doubtful is **φθάσω**), 1st aor. **ἔφθασα**, 2d aor. **ἔφθην** (like **ἔστην**, § 257).

**φθείρω** (§ 195, 4; theme *φθορ-, φθερ-, φθαρ-*, § 14, 1) *corrupt*, fut. **φθερῶ**, 1st aor. **ἔφθειρα**, 1st pf. **ἔφθαρκα** (§ 218, 4), but commonly 2d pf. **δι-έφθορα** (§ 219, 3), pf. mid. **ἔφθαρμαι** (§ 224, note), 2d aor. pass. (cf. § 514), **ἐφθάρην** (§ 232, 2).

**φαίνω**, epic also **φαείνω** *appear, shine*, 1st aor. pass. **ἐφαένθην** (Mss. **ἐφαάνθην**, cf. § 199 b). Homer has also from shorter root *φα-* 2d aor. **φάε** (§ 171 a) *appeared*, and fut. pf. **πεφήσεται**. For **φάνεσκον** see § 191 b. **φείδομαι**, epic 2d aor. **πεφιδόμην** (§§ 208; 208, 1 a; 171 a), fut. from aor. stem (§ 519 a) **πεφιδόσομαι**.

[root *φεν-, φν-, φα* (for *φι-*, § 14 note)] *kill* (epic), 2d aor. **ἔ-πε-φν-ον** (§§ 208; 208, 1 a) and **πέφνον** (§ 171 a) *slew*, pf. mid. **πέ-φα-μαι** (§ 224, note), fut. pf. **πεφήσομαι** (§ 228).

**φέρω**, epic 2d pl. impv. **φέρετε** (for **φέρετε**), for 1st aor. impv. **οἶσε** see § 201 b. (Herodotus has (once) 1st aor. infin. **ἀν-οἶσαι**.) Ionic forms from theme *ένεικ-* are 1st aor. **ἤνεια** (§ 207, note 1), 2d aor. **ἤνεικον**, pf. mid. **ἐνῆνεγμαι**, 1st aor. pass. **ἠνείχθην**.

**φεύγω**, epic pf. mid. partic. **πε-φνγ-μένος** (§ 219 a), and pf. act. partic. **πε-φνζ-ότης** (as if from \***φύζ-ω**).

**φθά-νω**, epic 2d aor. mid. partic. **φθάμενος** (§ 211 a).

[Attic principal parts in **full-faced** type. Ionic and poetic forms at the bottom of the page.]

**φθί-νω** (§ 196, 1), *waste, decay*, fut. **φθίσω**, 1st aor. **ἔφθισα**, 2d aor. mid. **ἐφθίμην** *perished*, pf. mid. **ἔφθιμαι**.

**φιλῶ**(-έω) *love* (inflection § 249), fut. **φιλήσω**, etc., regular.

**φράγ-νῦ-μι** (§ 196, 5) *fence* = **φράττω**, q.v.

**φράζω** (§ 195, 2; **φραδ-**) *point out, declare, tell* (mid. *consider*), fut. **φράσω** (§ 30), 1st aor. **ἔφρασα**, 1st pf. **πέφρακα**, pf. mid. **πέφρασμαι** (§ 189, note), 1st aor. pass. **ἐφράσθην** (§ 189, note), vbl. **φραστέος** (§ 189).

**φράττω** (§ 195, 1; theme **φρακ-** and **φραγ-**, § 195, note 2) *fence* [fut. **φράξω** or **φάρξω** (§ 38)], 1st aor. **ἔφραξα** or **ἔφαρξα** (§ 38), pf. mid. **πέφραγμα** or **πέφαργμαι** (§ 38), 1st aor. pass. **ἐφράχθην**, vbl. **φρακ-τός** or **φαρκ-τός** (§ 38).

**φρίττω** (§ 195, 1; **φρῖκ-**) *shudder* [fut. **φρίξω**], 1st aor. **ἔφριξα**, 1st pf. **πέφρικα** *am in a shudder* (§ 535).

**φρύγ-ω** (§ 193) *roast*, fut. **φρύξω**, 1st aor. **ἔφρυξα**, pf. mid. **πέφρυγμα**, vbl. **φρυκτός**.

**φυλάττω** (§ 195, 1; **φυλακ-**) *guard*, fut. **φυλάξω**, 1st aor. **ἐφύλαξα**, 2d pf. **πεφύλαχα**, pf. mid. **πεφύλαγμα**, 1st aor. pass. **ἐφυλάχθην**, vbl. **φυλακτέος**.

**φύρ-ω** (§ 193) *mix*, pf. mid. **πέφυρμαι**; also **φυρῶ**(-άω) regular.

**φύ-ω** (§ 193; **φῦ-**, **φν-**, § 13) *produce*, fut. **φύσω**, 1st aor. **ἔφῦσα**, 2d aor. **ἔφῦν** *grew, be by nature* (§ 494, 1), 1st pf. **πέφῦκα** *be* (§ 494, 3), vbl. **φυτός**.

**φθίνω**, Homer has **φθίνω** with long *i*. (Two supposed occurrences of a pres. **φθίω** in Homer (**φθίης**, **ἔφθιεν**) are easily corrected to the corresponding forms (**φθίειαι**, **ἔφθιτο**) of the aor. mid.) For the epic 2d aor. opt. **φθίμην**, etc. (for *\*φθιι-μην*) see § 211, 2 a. For pf. 3d pl. **ἔ-φθι-ατο** see § 226 a. Epic 1st aor. pass. **ἐφθίθην** (3d pl. **ἔφθιθεν**, § 233 a).

**φιλῶ**, epic 1st aor. mid., from stem **φιλ-** (cf. § 190), **ἐ-φιλ-άμην** (§ 204).

For epic pres. infin. **φιλή-μεναι** see § 199 d.

**φλεγ-έθω** (§ 191 a) *burn* (poetic) = **φλέγω**.

**φράζω**, epic 2d aor. **ἐ-πέ-φραδ-ον** (§ 208, 1 a) or **πέφραδον** (§ 171 a).

**φρύγω**, aorists pass. (Ionic and late) **ἐφρύχθην** 1st, **ἐφρύγην** 2d.

**φύρω**, epic 1st aor. **ἔφυρσα** (§ 204 a), poetic 1st aor. pass. **ἐφύρθην**.

**φύω**, in Homer usually with *υ*, in epic also 2d pf. (§ 220) 3d pl. **πε-φύ-ασι**, partic. **πε-φν-ώς** (fem. **ἐμ-πεφυνῖα**), 1st plupf. with variable vowel **ἐ-πέ-φῦκ-ον**.

[Attic principal parts in full-faced type. Ionic and poetic forms at the bottom of the page.]

(ἀνα-)χάζω (§ 195, 2; χαδ-) *withdraw* (fut. χάσομαι, § 507). 1st aor. ἔχασα. The verb is mostly poetic; cf. κέκαδον.

χαίρω (§ 195, 4; χαρ-) *rejoice*, fut. χαίρήσω (§ 190). 1st pf. κεχάρηκα (§ 190), pf. mid. κέχαρμαι and κεχάρημαι (§ 190), 2d aor. pass. as intrans. (§ 514) ἐχάρην *rejoiced*, vbl. χαρτός.

χαλῶ (-άω, § 188) *loosen*, 1st aor. ἐχάλασα. 1st aor. pass. ἐχαλάσθην (§ 189).

χέζω (§ 195, 2; theme χοδ-, χεδ-, § 14) *cast*, fut. χεσοῦμαι (for \*χεδσοῦμαι, §§ 30; 214). 1st aor. ἔχεςα, rarely with variable vowel (cf. § 201 b) ἔχεσον, 2d pf. κέχοδα (§ 219, 3).

χέω (§ 193, note; § 199, 2; theme χαι-, χι-, § 14, 2) *pour*, fut. χέω (§ 216), aor. ἔχεα (§ 207, note 1). 1st pf. κέχυ-κα, pf. mid. κέχυμαι (§ 224, note), 1st aor. pass. ἐχύθην, vbl. χυτός.

χρή *it is necessary*, see § 267.

χρίω (§ 193) *anoint, sting*, fut. χρίσω, 1st aor. ἔχρισα, pf. mid. κέχριμαι, 1st aor. pass. ἐχρίσθην (§ 189), vbl. χριστός (§ 189).

χρῶζω (for χρω-ίζω, § 292, 6, cf. χρώ-ς *complexion*) *color, stain*, pf. mid. κέχρωφμαι (§ 189), 1st aor. pass. ἐχρώσθην (§ 189).

χρῶ (§ 199, 3) *give oracles*, fut. χρήσω, 1st aor. ἔχρησα, 1st pf. κέχρηκα, pf. mid. κέχρημαι, 1st aor. pass. ἐχρήσθην (§ 189). ἀποχρῶ *be sufficient* (usually impersonal ἀποχρῆ), like χρῶ.

χρῶμαι (χρηῖ, χρηῖται, etc., § 199, 3) *use* (middle deponent, § 158, 3),

χαίρω, epic 1st aor. mid. 3d sing. χήρατο (§§ 204; 171 a), epic 2d aor. mid. κεχαρόμην (§§ 208, 1 a; 171 a).

χανδάνω (§ 196, 2; theme χοδ-, χεδ-, χαδ- (for χυδ-, § 14, note) *contain* (Ionic and poetic), fut. χείσεται (for \*χενδσεται, § 34). 2d aor. ἔχαδον, 2d pf. κέχανδα Mss. (better κέχονδα, § 219, 3).

χάσκω (for \*χαν-σκω?, § 197; theme χην-, χαν-, § 13) *gape* (Ionic and poetic), fut. χανοῦμαι, 2d aor. ἔχανον, 2d pf. κέχηνα *be agape* (§ 535).

χέω, epic pres. rarely χείω, epic aor. also ἔχεα; for epic 2d aor. mid. as pass. ἔχυτο see §§ 211 a; § 515, 1.

[root χραισμ-] *help, avert* (epic), only 2d aor. ἔχραισμον; also from χραισμε- (§ 190), fut. χραισμήσω, 1st aor. ἐχραίσμησα.

χρῶζω, poetic χρῶτζω.

χρῶ, χρῶμαι, in Ionic contract to  $\bar{a}$  where Attic has η; as 3d sing. χρᾶται, infin. χρᾶσθαι, etc.; pres. subj. χρέωμαι, etc. (cf. § 199 c); partic. χρεώμενος (cf. § 199 c).

[Attic principal parts in **full-faced** type. Ionic and poetic forms at the bottom of the page.]

fut. χρήσομαι, 1st aor. ἐχρησάμην, pf. κέχρημαι, 1st aor. pass. (§ 510) ἐχρήσθην (§ 189), vbls. χρηστός, χρηστέος (§ 189).

χῶ (-όω) *heap up*, fut. χῶσω, 1st aor. ἔχωσα, 1st pf. κέχωκα, pf. mid. κέχωσμαι (§ 189), 1st aor. pass. ἐχῶσθην (§ 189), vbl. χωστός (§ 189).

ψεύδ-ω (§ 193, 2) *deceive* (mid. *lie*), fut. ψεύσω (§ 30), 1st aor. ἔψευσα (§ 30), pf. mid. ἔψευσμαι (§ 189, note), 1st aor. pass. ἐψεύσθην (§ 189, note).

ψύχ-ω (§ 193) *cool*, fut. ψύξω, 1st aor. ἔψυξα, pf. mid. ἔψυγμαι, 1st aor. pass. ἐψύχθην and 2d aor. pass. as intrans. (§ 514) ἐψύχην *cooled*.

ψῶ (ψῆς, ψῆ, etc., § 199, 3) *rub* (usually in composition: as ἀπο-ψῶ), fut. ψήσω, etc., regular; pf. mid. usually supplied from ψήχω (regular), ἔψηγμαι.

ῥῶω (-έω, § 190; theme ῥθ-, for \*ῥωθ-, § 2 a) *push* (impf. ἔῳθουν, § 172, 2), fut. ῥῶσω (for \*ῥθ-σω, § 30), 1st aor. ῥῶσα (§ 172, 2), pf. mid. ῥῶσμαι (§§ 180; 189, note), 1st aor. pass. ἐῳσθην (§§ 172, 2; 189, note), vbl. ῥωστέος (§ 189).

ῶνούμαι (-έομαι) *buy* (impf. ἐωνούμην, § 172, 2), fut. ὠνήσομαι, aor. supplied (§ 164) by ἐπριάμην (§ 257), pf. ἐώνημαι (§ 180), 1st aor. pass. ἐωνήθην (§ 172, 2), vbls. ὠνητός, ὠνητέος.

ῶθῶ, poetic fut. sometimes ὠθήσω (§ 190), Ionic 1st aor. (contracted) ὦσα, pf. mid. ὦσμαι.



# ENGLISH INDEX

[THE REFERENCES ARE TO SECTIONS]

Verb forms, as a rule, are not listed in the Greek index, but they are to be sought in the List of Verbs (§ 729).

**Ablative genitive** 361 ff.

**Absolute construction, accusative** 343, 658; **genitive** 369, 657.

**Abstract for concrete** 322; **substantive suffixes** 282.

**Acatalectic verse** 689.

**Accent** 55 ff.; **position of** 57; **rules for** 58 ff.; **recessive accent** 64; **accent of contracted syllables** 65; **of elided words** 66; **proclitics** 69; **enclitics** 70; **accent in declension** 77; **stems of one syllable in 3d decl.** 100; **of neuter participle** 129, 2-3; **of adjectives** 117, 2; 118, 3; 119, 1; 120, 1-2; 122, 2; **of personal pronouns** 139, 1-2 and notes 1-2; **of the verb** 184; **of infinitive, participle, and verbals** 185; **of contract verbs** 185 note; **of ἐστὶ** 262, 1.

**Accompaniment, dative of** 392.

**Accusative, singular of Attic 2d decl.** 92, 3; **in 3d decl.** 97; **of -αι-stems in Hdt.** 112 a; **Epic -έα for -υυ** 123 a; **plural of 1st decl.** 84 note; **of stems in -αι and -υ-** 110, 4; 110 e; **plural of βοῦς** 111 c; **of comparatives** 121, 2.

**Accusative case, syntax of** 328 ff.; **direct object** 329 ff.; **cognate** 331 ff.; **of part affected** 335; "whole

and part" 335 a; **adverbial uses** 336 ff.; **of specification** 337; **of extent** 338; **of limit of motion** 339 and a; **two accusatives with one verb** 340; **predicate accusative** 341; **subject of infinitive** 342 and note; 629; **of swearing** 344; **with compound verbs** 345; **prepositions with** 346; 399; **with verbs that usually take genitive** 356 note 1; **by attraction from genitive or dative** 631, 1; **accusative absolute** 343; **after ὥς and ὥσπερ instead of genitive absolute** 658 note.

**Action, suffixes denoting** 279.

**Active infinitive with passive meaning** 641 note.

**Active voice** 503; **endings of** 166, 1; 167; 170 notes 1 and 2.

**Acute accent** 56; **changed to grave** 67.

**Adjectives, declension of** 116 ff.; **of 1st and 2d decl.** 117; **contract** 118; **of two endings** 119; **of 3d decl.** 120 ff.; **of 1st and 3d decl.** 122 ff.; **stems in -υ-** 123; **stems in -ντ-** 125; **of one ending** 126; **of irregular declension** 127-128; **comparison of adjectives** 132 ff.; **in -ων and -ους** 133; **by μάλλον, μάλιστα** 135; **irregular comparison** 136;



## [THE REFERENCES ARE TO SECTIONS]

- correlation of pronominal adjectives 151; numeral adjectives 152; formation of adjectives 287-289; syntax of adjectives 419 ff.; agreement of 420 ff.; predicate 421 ff.; used substantively 424; with adverbial force 425; comparative 426; superlative 427; position of with article 451 ff.; objective genitive with 351; 367; partitive genitive with 357; genitive of separation with 362, 2; dative with 376 note; 392, 2; infinitive with 641.
- Adonic verse 708, 1.
- Advantage, dative of 377 note 1; 378.
- Adverbial use of prepositions in Homer 398 a; adverbial force of appositive 318 note; adverbial accusative 336 ff.; adjectives with adverbial force 425; adverbial infinitive 642.
- Adverbs, form of 137; comparison of 138; correlation of pronominal 151; numeral adverbs 152; formation of 290.
- Adverbs, syntax of 429 ff.; attributive = adjective 429, 1; *οὐ* and *μή* 431-435; *ἀν* 436-439; use of *ἤ* with comparative adverbs 426 note 3; 430; partitive genitive with 360 and note; genitive of separation with 362, 3; dative with 392, 3; adverbs with circumstantial participle 654 ff.
- Aeolic dialect, Introduction, page 12; Aeolic forms in Homer 139 a; 199 d.
- Agent, suffixes denoting 278; genitive of 372; 516; dative of 380; 516, 1; 516 a; accusative of 516, 1.
- Agreement 314; of substantives 317 ff.; of adjectives 420 ff.; of pronouns 462; personal 466; reflexive 469; *αὐτός* 474; possessive 476; demonstrative 480; relative 483 ff.; interrogative 489; indefinite 491; agreement of verbs 495.
- Alphabet 1.
- Alternative questions, direct 574 and a; indirect 579 and a.
- Anaclassis 711 note.
- Anacoluthon 717, 1.
- Anacrusis 706.
- Analogy, in word formation 275; 283, 1; 284, 1; 287, 5; 292.
- Anapaest 683; anapaestic rhythms 703 ff.; 709, 2.
- Anastrophe 68.
- Antecedent 460; implied 461; not expressed 486.
- Antepenult 51.
- Anticipatory subjunctive 555 note; 562 a; in questions 576 a.
- Antistrophe 691.
- Antonomasia 322.
- Aorist tense 161 note: First aorist, formation of 201 ff.; inflection of 206; in *-ξα* in Homer 195, 2 a; in *-σσα* in Homer 201 a; with variable vowel 201 b; in *-ρσα* in Homer 204 a: Second aorist, reduplication of 183; 208, 1 a; formation of 207 ff.; inflection of 210 ff.; 207 note 1; epic peculiarities 207 a; 208, 1 a; 210 a; 211 a; subjunctive of, in Homer 211, 1 a; in Herodotus 211, 1 b; epic optative of *-ι-* and *-υ-* stems 211, 2 a: First aorist passive, formation of 231; inflection of 233; 245: Second aorist passive, formation of 232; inflection of 233; 246.
- Aorist, use of 528 ff.; inceptive 529; rendered by present 529 note; gnomic 530; of the future 531; in other modes than indicative 543 ff.; in indirect discourse 551;

## [THE REFERENCES ARE TO SECTIONS]

- aorist middle as passive 515, 1 and a ; aorist indicative in subordinate clauses not changed in indirect discourse 675, 3.
- Aphaeresis 717, 2.
- Apocope 43 note 3.
- Apodosis 600 ; apodotic  $\delta\epsilon$  601 note.
- Apparent compounds 297.
- Apposition 317 ff. ; genitive case in apposition with adjective 420 note ; with possessive pronoun 477 note.
- Arsis 684.
- Article,  $\delta$ ,  $\eta$ ,  $\tau\acute{o}$ , declined 144 ; epic forms of 144 a.
- Article, syntax of 443 ff. ; use as a demonstrative 443 ; in Homer 443 a ; with proper names 446 ; with possessive force 447 ; generic 448 ; with predicate substantive 449 ; position of article 450 ff. ; attributive 451 ; predicate 453 ; with  $\mu\acute{\epsilon}\sigma\sigma\omicron\varsigma$ ,  $\delta\kappa\rho\omicron\varsigma$ , etc. 454 ; with  $\pi\acute{\alpha}\varsigma$  and  $\delta\lambda\omicron\varsigma$  455 ; with demonstrative pronouns 456 ; with limiting genitive 457 ; predicate position modified 458.
- Articular infinitive 636 and a.
- Asclepiadean verse 708, 6.
- Aspiration, rejection of 40 ; 44, 4 a ; transfer of 41 ; in Ionic 41 a ; in elision 44, 4.
- Assimilation of consonants 25 ; 27 ; 31 ; 33 ; in contracted verbs in Homer 199 b-c.
- Association, dative of 392.
- Asyndeton 717, 3.
- Attempted action 523 ; 527.
- Attic dialect, Introduction, page 12 ;  $\eta$  for original  $\bar{a}$  in 15 ; Attic 2d decl. 92 ; in Ionic 92 a ; Attic reduplication 179 ; augment of 176 a ; Attic future 215.
- Attraction 316 ; of adjectives 631, 1 ; of pronouns 465 ; 484 ; of verbs 501 ; 590 notes 1 and 4.
- Attributive, the 302 ; adverb = adjective 429, 1 ; attributive position of adjectives 451 ff. ; of  $\alpha\upsilon\tau\acute{o}\varsigma$  475, 1 ; attributive participle 650 ; rendering of 650 note 2.
- Augment 171 ff. ; omission of 171 a ; syllabic 172 ; doubling of liquids after 172, 1 a ; temporal 173 ; of compound verbs 174 ; of denominative verbs 175 ; double augment 172 note 1 ; 175 note ; of pluperfect 176.
- Bacchius 683 ; Bacchiac rhythms 713.
- Basis (metrical) 707 note 1.
- Brachylogy 717, 4.
- Breathings 8 ; smooth for rough in Ionic 8 a ; always rough with  $\rho$  and  $\upsilon$  9 ; 10.
- Bucolic diaeresis 701, 1.
- Caesura 690 ; masculine and feminine 701 note.
- Case endings 76 ; Homeric 76 a-c.
- Cases, formation of in 3d decl. 95 ff.
- Cases, syntax of 323 ff. ; nominative 325 ; vocative 327 ; accusative 328 ff. ; genitive 347 ff. ; dative 373 ff. ; prepositions with the cases 398 ff.
- Catalexis 689.
- Causal clauses 598.
- Cause, genitive of 366 ; dative of 391 and note ; implied by circumstantial participle 653, 4.
- Charge or penalty, genitive of 367.
- Chiasmus 717, 5.
- Choliambus 698 note.
- Choriambus 683 ; choriambic rhythms 710.
- Chronology 725 ff.
- Circumflex accent 56.

## [THE REFERENCES ARE TO SECTIONS]

- Circumlocution in wishes 587 note 1; 588 note.
- Circumstantial participle 652 ff.; translation of 653; adverbs with 654 ff.; in genitive and accusative absolute 657-658.
- Cognate accusative 331; retained in the passive 340; 512; 515 note.
- Cognate mutes 12, 2.
- Collectives 315; 321; agreement of verbs with 500.
- Colon* 686.
- Commands 582 ff.; in indirect discourse 678 note.
- Common Greek (*κοινή*) Introduction, page 12; common, quantity of syllables 54; gender 78 note.
- Comparative degree, syntax of 426.
- Comparatives, declension of 121; genitive with 363; 426, 2.
- Comparison of adjectives 132 ff.; by *-τερος, -τατος* 132; by *-ίων, -ιστος* 134; by *μᾶλλον, μάλιστα* 135; irregular comparison 136; comparison of adverbs 138.
- Compensative lengthening 16.
- Complementary infinitive 638.
- Complex sentences 313.
- Compound negatives 433.
- Compound sentences 312.
- Compound verbs, augment of 175, 1; reduplication of 181; accent of 184, 1; accusative with 345; genitive with 370; dative with 394; some transitive by composition 493, 2.
- Compound words, formation of 294 ff.; inflection of 294, 1; apparent compounds 297; compound verbs 298; meaning of compound words 300; accent of 300 note.
- Concession, implied by circumstantial participle 653, 7.
- Concessive clauses 617.
- Conclusion (of condition). See Apodosis.
- Conditions 599 ff.; simple 602; more vivid 604; less vivid 605; contrary to fact 606; general 608 ff.; summary of conditions 611; variations in 612; implied conditions 614; implied in participle 653, 6.
- Conjugation of *-ω* verbs 237 ff.; of *-μι* verbs 251 ff.; of irregular verbs 258 ff.
- Conjunctions, syntax of 440 ff.
- Conjunctive mode. See Subjunctive.
- Consonants 12; sounds of 11; all sounded 11 note; double consonants 12, 3; consonant changes 22-37; doubled consonants 22-24; in Homer 22 a; with vowels 38-39; with *ι* 39; final 48.
- Construction according to sense 315; with collective substantives 321; 500; with neuter words, etc. 422; 464.
- Context, meanings of tenses from 518; 523; 524; 527; 530; time implied by 541; 544; 547.
- Contract adjectives 118; participles, declined 130.
- Contract verbs, accent of 185 note; inflection of 199; in Homer 199 a-d; in Herodotus 199 e; paradigms of 248-250; contraction of verbs of two syllables in *-έω* 199, 2.
- Contracted substantives in 1st decl. 88; in Ionic 88 a; in 2d decl. 91.
- Contracted syllables, accent of 65.
- Contraction of mode suffix. See 160, 2.
- Contraction of names in *-κλέης* 108 and a.
- Contraction of vowels 18; table of 715; contraction of three vowels 19 note 1.

[THE REFERENCES ARE TO SECTIONS]

- Co-ordinate mutes 12, 2.  
 Copula 307; omission of 308.  
 Coronis 43.  
 Correlation of pronouns 151.  
 Crasis 43; accent in 66 note.  
 Cretic 683; Cretic rhythms 714.  
 Customary action 520, 1; 526, 1; 568.  
 Cyclic feet 682, 6.
- Dactyl** 683; dactylic rhythms 700 ff.; 709, 1; dactylo-epitritic rhythms 709.  
**Daric**, value of 724, 1.  
**Dative case**, accent of 77, 2; in Attic 2d decl. 92, 1; dative plûral, ending of in Homer 76 b; 99 a; of 1st decl. in Ionic 84 b; of 2d decl. in Homer 90 c; of 3d decl. 99; Homeric 99 a; 106 b-c; of βούς 111 c.  
**Dative case**, syntax of 373 ff.; indirect object 375; of interest 377; of advantage or disadvantage 378; of possession 379; of agent 380; ethical (or emotional) 381; of reference 382; of place 384 and a; of time 385; instrumental 386; of means 387; of degree of difference 388; of manner 389; of respect 390; of cause 391; of accompaniment 392; with substantives 393; with compound verbs 394 and note; prepositions with 395; 399.  
**Days**, names of 727; divisions of 728.  
**Declension of nouns** 75; of substantives 78 ff.: First declension 80 ff.: Second declension 89 ff.; Homeric peculiarities 90 a-c: Third declension 93 ff.; irregular declension 114-115; declension of adjectives 116 ff.; of pronouns 139 ff.; of numerals 155.
- Degree of difference, dative of 388.  
 Deliberative questions (subj.) 577.  
 Demonstrative pronouns 144 ff.; adjectives and adverbs 151; pronouns, syntax of 480 ff.; article with 456 and note.  
 Denominative verbs 165; 291-292; formation of 292; not compounds 298 note.  
 Denominative words 269.  
 Deponent verbs 158, 3; 508.  
 Depriving, genitive after words of 362 note; two accusatives after 340.  
 Derivative words 269 ff. See Suffix.  
 Descriptive genitive 352.  
 Desiderative verbs 293.  
 Diaeresis 7; in versification 690.  
 Dialects, Introduction, pages 11-12.  
 Digamma. See Vau.  
 Dimeter 686, 2.  
 Diminutives, suffixes forming 283.  
 Diphthongs 5; improper 5, 1; sounds of 6, 1-3; interchange of 14, 2; contraction of 19; how augmented 173, 1; diphthong stems in 3d decl. 111.  
 Dipody 686, 1.  
 Direct questions. See Questions.  
 Disadvantage, dative of 378; 377 notes 1 and 2.  
 Dochmiac rhythms 712.  
 Doric dialect, Introduction, page 12; of the drama 680 note; Doric future 214.  
 Double consonants 12, 3.  
 Doubled consonants 22-24.  
 Drama, Doric of 680 note.  
 Dry measure 721.  
 Dual, forms of 74 note 1; ending of genitive and dative of 2d decl. in Homer 90 b; accent of nominative in 2d decl. contracts 91, 2; epic form of in genitive and dative 3d decl. 99 b; feminine of 117, 3.

[THE REFERENCES ARE TO SECTIONS]

- Elegiac distich** 702.
- Elision** 44; in Homer 44 a; 44, 2 a; in formation of compounds 295, 1; accent of elided words 66; half elision 52 a.
- Ellipsis** 717, 6.
- Emotional dative** 381.
- Enclitics** 70; accent when retained 71; enclitic forms of personal pronouns 139, 1.
- Endings, personal.** See Person.
- Epic case endings** 76 a-c.
- Epic dialect, peculiarities of.** See footnotes throughout the book.
- Epic Shortening** 52 a.
- Epitrite** 709.
- Epode** 691.
- Era, the.** See Year.
- Ethical dative** 381.
- Eupolidean verse** 708, 6.
- Exclamations, genitive in** 366 note; use of relatives in 488 note.
- Exhortations** 582 ff.
- Expectation, future infinitive with verbs of** 549, 2.
- Extent, accusative of** 338.
- Fact, statements of** 562; in indirect discourse 676.
- Fearing, clauses of** 594.
- Feet** 683.
- Feminine caesura** 701 note.
- Figures of syntax** 717.
- Final clauses** 590 ff.; purpose 590 ff.; fearing 594; result 595.
- Finite modes** 159; uses of 552 ff. See Modes.
- First person.** See Person.
- Fullness, suffix -εντ- denoting** 289, 1.
- Future conditions** 603 ff.; forms of in Homer 604 a, b; 605 a.
- Future passive, formation of** 234; inflection of 234, 1; 245; 246, 1.
- Future perfect, formation of** 228; inflection of 229; 244; future perfect active 230; use of 538.
- Future tense (active), formation of,** 212 ff.; of liquid verbs 213; Doric 214; Attic 215; without suffix 216; inflection of 217; 238-239.
- Future, use of** 532 ff.; implying permission or command 583 note 1; periphrastic 533; future middle as passive 515, 1 and a; aoristic future 519 note 2; 519 a; future indicative in present conditions 602 note 2; future and future perfect in other modes than indicative 548 ff.; in indirect discourse 551.
- Gender, general rules for** 78; indicated by *ὁ, ἡ, τὸ* 79; rules for, in 3d decl. 94.
- General conditions** 608; forms of, in Homer 609 a; 610 a.
- Generic article** 448.
- Genitive absolute** 369; 657; translation of 657, 1; substantive not expressed with 657 note 1; irregular use of 657 note 2.
- Genitive, accent of** 77, 2; in Attic 2d decl. 92, 1; singular of 1st decl. masculine 87 note; in Homer 87 a; of 2d decl. in Homer 90 a; of stems in -v- 110 d; genitive (and dative) dual, ending in 2d decl. in Homer 90 b; in 3d decl. 99 b; genitive plural 1st decl. accent of 84; ending in Homer 84 a; of stems in -ι- and -v- 110, 3; of adjectives in Ionic 117, 1 a; accent of, in adjectives in -vs 122, 2; of *αὐτός* in Ionic 140 a.
- Genitive case, syntax of** 347 ff.; possessive 348; subjective 349; objective 350; descriptive 352; of value 353; partitive 354-360; of

## [THE REFERENCES ARE TO SECTIONS]

- place 358 and a-b; of time 359; with adverbs 360; of separation 362 and a; with comparatives 363; with verbs of inferiority and superiority 364; of source 365; of cause 366; of exclamation 366 note; of charge or penalty 367; two or more genitives with one word 368; with compound verbs 370; prepositions with 371; 399; of agent 372; article with limiting genitives 457.
- Gentile (or place name) suffixes 286.
- Glyconic verses 708, 3.
- Gnomic aorist 530; in Homeric similes 530 a.
- Grave accent 56.
- Half elision** 52 a.
- Hendiadys 717, 7.
- Herodotus, dialect of. See foot-notes throughout the book.
- Hexameter, dactylic 701.
- Hexapody 686, 1.
- Hiatus 42; in verse 688, 1.
- Hindering, construction after words of 643.
- Historical present 525.
- Homer, books of, how numbered 156 note. See also Epic.
- Hoping, future infinitive with verbs of 549, 2.
- Hortatory subjunctive 585.
- Hypallage 717, 8.
- Hyperbaton 717, 9.
- Hypotaxis 717, 10.
- Hysteron proteron 717, 11.
- Iambus 683; Iambic rhythms 697 ff.; 707, 2.
- Ictus* 684.
- Imperative mode, endings of 167 and note 4; perfect imperative 221, 2; aorist passive imperative -τι for -θι 233, 3; uses of the imperative 560; in commands 583; in prohibitions 584; imperative in indirect discourse 678 note.
- Imperative, tenses of 539 ff.; present 540; aorist 543; perfect 546.
- Imperfect, formation of. See Present system; augment of 171; use of 526 ff.; of customary action 526, 1; of attempted action 527; translated by present 527 note; in condition contrary to fact 606; in Homer 606 a; not changed to optative in indirect discourse 675, 1.
- Impersonal construction, origin of 305 note; with infinitive 634; with verbal adjective 665.
- Improper diphthongs 5, 1; sounds of 6, 1.
- Improper prepositions, use of 418; genitive with 418 note.
- Inceptive aorist 529.
- "Incorporation," with relative pronouns 485; with οὐδείς τις οὐ and θαυμαστός δος 485 note 1; with οἶος, δσος, etc. 485 note 2.
- Indefinite pronouns 148; 150; adjectives and adverbs 151; pronouns, syntax of 491.
- Indicative mode, endings of 166, 2; uses of 553; in statements of fact 562; potential indicative 565; future with οὐ μή 569, 2; in questions 576; potential in questions 576; indicative in hopeless wishes 588; with ἄν (potential) of recurrent action 568; simple indicative instead of potential optative 564; instead of potential indicative 566-567; future indicative in purpose clauses 590 note 3; past tense in unattained purpose 590 note 4; future in relative clause



## [THE REFERENCES ARE TO SECTIONS]

- of purpose 591; in object clauses 593; in clauses of fearing 594 note; present or past in clauses of fearing 594, 1; origin of this construction 594 note; in result clauses 595; 597; in causal clauses 598; in simple conditions 602; in more vivid conditions 604; in conditions contrary to fact 606; without *ἄν* in conditions contrary to fact 607; in general conditions 608 ff.; in relative and temporal clauses 619; 621; 622; past tenses of, not changed in indirect discourse 675; equivalents of indicative in simple conditions 602 note 1.
- Indirect discourse 668 ff.; principles of 670 ff.; infinitive in 551; 646; 671; participle in 551; 661; 671; optative in 673; verbs not changed to optative 674 ff.; inserted statement of fact 676; implied indirect discourse 677; summary 678.
- Indirect questions 578 ff.; 'yes' or 'no' 578; alternative 579; word 580; modes in 581; 673 ff. See also Questions.
- Indo-European group of languages, Introduction, page 11.
- Infinitive 159, 1; endings of 167; epic 167 e; accent of 185, 1; accent of epic form 185, 1 a; tenses of 539 ff.; present 540; 541; aorist 543; perfect 546; 547; future 548 ff.; future infinitive as substantive 549: Uses of 628 ff.; subject accusative 342; 629; subject not expressed 630; agreement of predicate words 631; negative with 633; personal and impersonal construction 634; use as a substantive 635 ff.; in commands 583 note 2; in wishes 587 note 3; of purpose 592; of purpose with *τοῦ* 352, 1 note; 639, note; with adjectives and substantives 641; adverbial use 642; after words of hindering 643; of suggestion 644; with *ὥστε* 595; with *ἐφ' ᾧ*, *ἐφ' ᾧτε* 596; with *πρὶν* 627; after a comparative 426 note 5; 645 note; in indirect discourse 646; 671; with *ἄν* 647; instead of participle 660, 1 note; 661 note 3; in relative clause in indirect discourse 671 note.
- Inflection, general 73; of nouns (general) 74; of substantives 78 ff.; of adjectives 116 ff.; of pronouns 139 ff.; of verbs 157 ff.; of compound words 294, 1.
- Inseparable prefixes 299.
- Instrument, suffix *-τρο-* denoting 281, 1.
- Instrumental dative 386 ff.
- Intensive pronoun *αὐτός*. See *αὐτός* in Greek Index.
- Interchange of vowels 13; 13 a; 14; of diphthongs 14, 2; of quantity 17.
- Interest, dative of 377.
- Interrogative pronouns 148; adjectives and adverbs 151; pronouns, syntax of 489 ff.
- Intransitive verbs 493; tenses 494.
- Ionic dialect, Introduction, page 12; *η* for *ᾱ* in 15 a; contraction infrequent in 18 a; aspiration in 41 a; 44, 4 a.
- Ionic feet 683; rhythms 711.
- Iota class of verbs 195.
- Iota subscript 5, 1.
- Irrational syllable 682, 5.
- Irregular substantives 114-115; adjectives 127; comparison 136; verbs 164; conditions 612.
- Iterative forms 191 b.



[THE REFERENCES ARE TO SECTIONS]

**Koppa 156.**

**Labial mutes** 12, 2; before  $\mu$  27, 1; with  $\sigma$  28; labial stems in 3d decl. 101; labial verbs, formation of tenses of 203; 219, 1; 231, 1; 247, 1.

**Linear measure** 718.

**Lingual mutes** 12, 2; before another lingual 26; before  $\mu$  27, 3; before  $\sigma$  30; assimilated in Homer 30 a; lingual stems in 3d decl. 102-103; lingual verbs, formation of tenses of 203; 218, 1; 231, 1; 247, 3.

**Liquids** 12, 1; doubled after augment 172, 1 a; liquid stems in 3d decl. 104; liquid verbs, present of 195, 3-4; 1st aorist of 204; in Homer 204 a; epic 2d aorist of 207 a; future of 213; in Homer 213 a; 1st perfect of 218, 3; inflection of future 239.

**Liquid measure** 720.

**Litotes** 717, 12.

**Local adverb endings** 137, 2 and a.

**Locative case** 76 note; locative dative 383 ff.

**Logaoedic rhythms** 707, 1.

**Lyric rhythms** 705 ff.

**Manner, dative of** 389; implied by circumstantial participle 653, 3.

**Masculine for feminine in first person plural in tragedy** 423 note; masculine caesura 701 note.

**Material, adjective suffixes denoting** 288; genitive of 352 note.

**Means, suffix - $\tau\pi\sigma$ - denoting** 281, 1; - $\iota\sigma$ - 284, 1; dative of 387; implied by circumstantial participle 653, 2.

**Measure, genitive of** 352 note.

**Measures** 718 ff.

**Metathesis** 38; of quantity 17.

**Metonymy** 717, 13.

**Metre** 681 ff.

**Middle mutes** 12, 2; middle deponents 158, 3.

**Middle voice, ending of** 166, 1; 167; 170 note 3; 504; translation of 506; in future only 507.

**Mode of the verb** 159. See Indicative, Subjunctive, Optative, Imperative, Infinitive, and Participle.

**Mode suffixes** 160 and a; contracted with vowel of stem 160, 2; 170, 2-3; 200, 1; 211, 1-2; 233, 1-2.

**Modes, uses of the finite** 552 ff.; of infinitive 628 ff.; of participle 648 ff.

**Modern Greek, Introduction, page** 12.

**Molossus** 683 footnote.

**Money, table of** 724.

**Months, names of** 726, 1; divisions of 727.

**Mood. See Mode.**

**Mora** 682, 1.

**Movable consonants** 45-47.

**Mutes, classified** 12, 2; changes in 25-34; mutes before mutes 25-26; smooth in Herodotus 44, 4 a.

**Mute verbs. See Labial, Lingual, Palatal.**

**Negatives** 431 ff.; strengthened 433; sympathetic 434-435; negative wishes 589; negative with infinitive 633; in indirect discourse 670, 3.

**Neuters, nominative, vocative, and accusative alike** 74 note 3; neuter words of 3d decl. 95; neuter plural, agreement of verb with 498.

**Nominative singular in - $\tau\alpha$  (1st decl.)** 85 a; in 3d decl. 96.

**Nominative case, syntax of** 325-6; in address and exclamations 326 note.

## [THE REFERENCES ARE TO SECTIONS]

- Nouns (substantives and adjectives), inflection of 74 ff.
- Noun stems, changes of, in derived words 274.
- Nu class of verbs 196.
- Number of the verb. See Singular, Dual, Plural.
- Numerals 152; declension of 155; notation 156.
- Object**, direct 329; indirect 375 ff.; direct object sometimes retained with passive 515, 3.
- Object clauses 593 and a.
- Objective genitive 350.
- Olympiad 725.
- Optative mode, suffix of 160; endings of 166, 4; 170 notes 2-3; accent of, see 160, 2; optative of 2d aorist of -*ι-* and -*υ-* stems 211, 2 a; of the perfect 221, 1; 227; of the aorist passive 233, 2.
- Optative mode, uses of 557 ff.; potential (with *ἄν*) 563; without *ἄν* in Homer 563 a, b; optative in wishes 587; in hopeless wishes (epic) 588 a; in purpose clauses 590; by attraction 590 note 1; in object clauses 593; in causal clauses 598 note; in conditions 605; 610; in relative and temporal clauses 624-627; in indirect discourse 670, 1; 673.
- Optative, tenses of 539 ff.; present 540; aorist 543; perfect 546; future 548; in indirect discourse 551.
- Oxymoron 717, 14.
- Oxytone 62.
- Paeons** 683 footnote.
- Palatal mutes 12, 2; before *μ* 27, 2; with *σ* 29; palatal stems in 3d decl. 101; palatal verbs, formation of tenses of 203; 219, 1; 231, 1; 247, 2.
- Parataxis 717, 15.
- Paroemiac 703, 1.
- Paronomasia 717, 16.
- Paroxytone 62.
- Participles 159, 1; declension of 129; endings of 167; accent of 185, 1; tenses of 539 ff.; present, 540; 542; aorist 543; 545; perfect 546; future 548; 550; in indirect discourse 551.
- Participle, syntax of, 648 ff.; attributive 650; as predicate adjective 651; circumstantial 652 ff.; adverbs with 654 ff.; genitive and accusative absolute 657-658; supplementary participle 659 ff.; in indirect discourse 661; 671; with *ἄν* 662; with *ἐχ<sub>ω</sub>* = perfect 536, 2.
- Partitive apposition 319.
- Partitive genitive 354 ff.; of place 358; of time 359; with adverbs 360 and note; predicate position of 355 note.
- Passive aorists and futures 231 ff.
- Passive deponents 158, 3.
- Passive voice, endings of 166, 1.
- Passive voice, uses of 509 ff.; of dependent verbs 510; object of active becomes subject of 511; cognate accusative retained with 512; 515, 2 note; supplied by active verb 513; origin of 514 ff.; middle as passive 515, 1; of intransitive verbs 515, 2; agent with 516.
- Patronymics 285.
- Pause (metrical) 682, 9-10.
- Pentapody 686, 1.
- Penult 51.
- Perfect active participle, declension of 131.
- Perfect (and pluperfect), use of 534 ff.; perfect with present mean-

## [THE REFERENCES ARE TO SECTIONS]

- ing 535; periphrastic 536; of future time 537; in other modes than indicative 546 ff.; in indirect discourse 551.
- Perfect middle system, formation of 224; inflection of 225; 244; 247; Ionic, 3d plural 226 a.
- Perfect, reduplication of 178 ff.; first perfect system, formation of, 218; inflection 221; 242-243; second perfect system, formation of, 219; without suffix 220; inflection 221; 243; 258.
- Periphrastic perfect 536; future 533.
- Peripomenon 62.
- Person of the verb 166; personal endings 167; First person, singular endings 167; 170 a; 170 notes 1-2; dual endings 167 and note 1; plural endings 167 and note 2; Second person, singular endings 167; 167 a; 170 notes 1 and 3; 170 c; dual endings 167; plural endings 167; Third person, singular endings 167; 170, note 1; 170 a; dual, endings of 167, 167 b; plural, endings of 167 and notes 3-4; 167 c-d; 170 notes 1-2; of perfect and pluperfect 226 and a.
- Personal construction with infinitive and participle 634; with verbal adjectives 664.
- Personal pronouns, declension of 139; in Homer 139 a; in Herodotus 139 b; syntax of 466 ff.; sometimes not expressed in nominative 467; sometimes reflexive in Homer 470 a; genitive case of = possessive 477.
- Pherecratean verses 708, 2.
- Philosophical imperfect 527 note.
- Place, suffixes denoting 284; how expressed 396; genitive of 358; dative of 384; place toward which 339; locative case 76 note.
- Pleonasm 717, 17.
- Pluperfect active, formation of 222 and a; inflection of 223; 226 and a; 242-243.
- Pluperfect, augment of 176.
- Pluperfect, use of 534 ff.; not changed to optative in indirect discourse 675, 1.
- Plural for singular, first person 495 note.
- Poetry, kinds of 680.
- Position, syllables long by 53.
- Possession, dative of 379.
- Possessive genitive 348; substantive sometimes omitted with 348 note; possessive force of article 447.
- Possessive pronouns 143; syntax of 476 ff.
- Postpositive words 452 note.
- Potential indicative 565; in questions 576; as apodosis of condition contrary to fact 606; in protasis 612 note; not changed to optative in indirect discourse 675, 2.
- Potential optative 563; 565 a; without *ἄν* 563 b; in questions 576; implying wish 587 note 2; as apodosis 605; in protasis 612 note; in indirect discourse 671; 678, 1.
- Predicate 302; of sentence 306; verb omitted 308; predicate enlarged 311; not repeated in compound sentence 312, 1; genitive in predicate 348, 1; 352, 1; 355, 2.
- Predicate adjective 421 ff.
- Predicate position of adjectives 453 ff.; of *αὐτός* 475, 2.
- Predicate substantive, agreement of 320; agreement of verb with 501; article with 449.
- Predicate words, agreement of 631.

[THE REFERENCES ARE TO SECTIONS]

- Prefixes, inseparable 299.
- Prepositions, apocope 43 note 3; anastrophe 68; originally adverbs 298 a.
- Prepositions with the accusative 346; 399; with the genitive 371; 399; with the dative 395; 399; with adverbs 429 note.
- Prepositions with the cases 398 ff.; attached to verb 398 note 1; repeated with verb and substantive 398 note 2; peculiarities in the use of 398 note 3; adverbial use of, in Homer 398 a; infinitive with 638-640.
- Present tense, reduplication of 182; 193, 3; 197, 1; formation of 192 ff.; simple class 193;  $\tau$  class 194;  $\iota$  class 195;  $\nu$  class 196;  $\sigma\kappa$  class 197; inflection of present 198; - $\omega$  form 198; contracts 199; - $\mu$  form 200; paradigms 237; 248-254.
- Present tense, use of 520 ff.; of a continued state 521; with adverbs like  $\pi\acute{\alpha}\lambda\alpha$ i 522; of attempted action 523; with future meaning 524; historical 525; in other modes than indicative 541; in indirect discourse 551.
- Primary tenses 161, 1; 517; endings of 166, 2; 170 notes 1-3.
- Primitive words 269; primitive verbs 165; 291; formation of tenses of 186; 193, 1-3; 218, 4; 219, 2-3; 219 a; 224 note; 231, 4; 232, 1-2.
- Principal parts of verbs 162, 2.
- Proceleusmatic 683 footnote.
- Proclitics 69.
- Prolepsis 717, 18.
- Prolonged syllables 682, 3-4.
- Promising, future infinitive with verbs of 549, 2.
- Pronouns, declension of 139 ff.; personal pronouns 139; in Homer 139 a; in Herodotus 139 b;  $\alpha\upsilon\tau\acute{o}s$  140; reflexive 141; reciprocal 142; possessive 143; demonstrative 144 ff.; interrogative and indefinite 148; relative 149-150; correlation of pronouns 151.
- Pronouns, syntax of 459 ff.; agreement of (general) 462 ff.; attraction 465; personal pronouns 466 ff.; reflexive 469 ff.;  $\alpha\upsilon\tau\acute{o}s$  474-475; possessive 476 ff.; demonstrative 480 ff.; relative 483 ff.; interrogative 489-490; indefinite 491;  $\delta\lambda\lambda\omicron s$  and  $\epsilon\tau\epsilon\rho\omicron s$  492.
- Pronunciation 4; 6; 11; of Greek proper names in English 716.
- Proparoxytone 62.
- Properispomenon 62.
- Protasis 600.
- Punctuation 72.
- Purpose, how expressed 590 ff.; by participle 653, 5.
- Quality, suffixes denoting 282.
- Quantity 52-54; in Homer 53 a, b; 54 a; interchange of 17.
- Questions, direct 570 ff.; yes or no 571; rhetorical 573; alternative 574; word 575; modes in direct 576 and a; deliberative 577; indirect 578 ff.; modes in indirect 581; 673 ff.; use of relatives in indirect 490; 580.
- Recessive accent 64; in adjectives 120, 1-2; 121, 1; in verbs 184.
- Reciprocal pronoun 142.
- Recurrent action 568.
- Reduplication 177 ff.; of the perfect 178; Attic 179 and a; with  $\epsilon$ - before a vowel 180; of compound verbs 181; of the present 182; 193, 3; 197, 1; of the 2d aorist 183; 208, 1 and a.

[THE REFERENCES ARE TO SECTIONS]

- Reference, dative of 382.  
 Reflexive pronouns 141; in Homer 141 a.  
 Reflexive pronouns, syntax of 469 ff.; in Homer 470 a; direct 470; in-direct 471; 3d person for 1st or 2d 471 note 1; plural for reciprocal 471 note 2; *αὐτός* with 473.  
 Relative clauses 618; expressing purpose 591; implying result 597; implying cause 598; implying condition 621; 622; of anticipation 623 and a; 624; general 625; 625 a.  
 Relative pronouns 149; adjectives and adverbs 151.  
 Relative pronouns, syntax of 483 ff.; attraction of 484; "incorporation" of 485; antecedent not expressed 486; relative not repeated 487.  
 Respect, accusative of 337; dative of 390.  
 Result, how expressed 595 ff.  
 Result of action, suffixes denoting 280.  
 Rhetorical questions 573.  
 Rhythmical series 686.  
 Rhythms 693 ff.  
 Romaic, Introduction, page 12.  
 Roots 270; changes of, in derived words 272.  
 Rough breathing 8.  
 Rough mutes 12, 2.  
  
**Sampi** 156.  
 Second aorist. See Aorist.  
 Second perfect. See Perfect.  
 Second person. See Person.  
 Secondary tenses 161, 1; 517; endings of 166, 2; 170 notes 1-3.  
 Semivowels 12, 1.  
 Sentences 303 ff.; simple 309 ff.; compound 312; complex 313.  
 Separation, genitive of 362.  
 Sibilant 12, 1.  
 Singular verb with plural subject 496, 1; 498.  
 Smooth breathing 8.  
 Smooth mutes 12, 2; for rough 40; 41; 44, 4 a.  
 Source, genitive of 365.  
 Specification, accusative of 337; dative of 390.  
 Spondee 683; spondaic verse 701.  
 Square measurè 719.  
 Statements 561 ff.; in epic poetry 563 a.  
 Stater, value of Cyzicene 724, 1.  
 Stems 73, 1; of pronouns 139 note; of verbs 163; changes of stems in derived words 273-274.  
 Strophe 691.  
 Subject of sentence 304; not expressed 305; enlarged 310; not repeated in compound sentence 312, 1; in nominative case 325; agreement of verb with 495 ff.  
 Subject of infinitive 629; not expressed 630; agreement of predicate words with 631.  
 Subjective genitive 349.  
 Subjunctive mode 159; sign -ω- or -η- 160; with short vowel in Homer 160 a; 211, 1 a; endings of 166, 3; of 2d aorist in Homer 211, 1 a; in Herodotus 211, 1 b; of the perfect 221, 1; 227; of aorist passive 233, 1; 233, 1 a: Tenses of 539 ff.; present 540; aorist 543; perfect 546: Uses of 554 ff.; with *μή* and *μή οὐ* 569, 1; with *οὐ μή* 569, 2; in deliberative questions 577; in prohibitions 584; in exhortation 585; in purpose clauses 590; in object clauses 593, 1; in clauses of fearing 594; in conditions 604; 609; in relative and

## [THE REFERENCES ARE TO SECTIONS]

- temporal clauses** 623; 625-627; changed to optative in indirect discourse 673.
- Substantives**, declension of 78 ff.; formation of 276-286; have no distinction of person 314 note: Syntax of 317 ff.; apposition 317 ff.; predicate substantive 320; 326; 341; peculiarities in the meaning of 321-322; genitive with 348-355; dative with 393; infinitive with 641.
- Substantive use of adjectives** 424.
- Substitution (metrical)** 685.
- Suffixes**, substantive 277-286; adjective 287-289; adverb 290; verb 292-293.
- Suggestion**, infinitive of 644.
- Superlative degree**, syntax of 427; genitive with 355, 1.
- Superlative ending** -*τατος* 132; -*ιστος* 134.
- Supplementary participle** 659 ff.
- Suppositions**. See **Conditions**.
- Swearing**, accusative of 344; future infinitive with verbs of 549, 2.
- Syllaba anceps* 688.
- Syllables** 49; division of words into 50; quantity of 52-54; Homeric peculiarities 53 a, b; 54 a; prolonged 682, 3-4.
- Syncope** 20.
- Synzesis** 19 note 2; between two words 43 note 2.
- Syntax** 301 ff.; of substantives 315 ff.; of prepositions 398 ff.; of adjectives 419 ff.; of adverbs 429 ff.; of conjunctions 440 ff.; of the article 443 ff.; of pronouns 459 ff.; of verbs 493 ff.
- System**, tense 162; metrical, 692; trochaic 696; iambic 699, 1; anapaestic 703, 2.
- Tau class of verbs** 194.
- Temporal clauses** 618; 626 and a; 627 and a.
- Tenses of the verb** 161; primary and secondary 161, 1; tense systems 162; formation of 186 ff.
- Tense stems** 162; formation of 186 ff.
- Tenses**, use of 517 ff.; primary and secondary 517; meanings of from context 518; tenses of indicative, present, future, etc. 519 ff.; of other modes 513 ff. See **Present**, **Future**, **Aorist**, **Perfect**, **Pluperfect**, **Future Perfect**.
- Tetrameter** 686, 2; trochaic 695; iambic catalectic 699; anapaestic 704.
- Tetrapody** 686, 1.
- Tetraseme** 682, 4.
- Theme of verbs** 163.
- Thesis** 684.
- Third person**. See **Person**.
- Time**, how expressed 397; accusative of 338; genitive of 359; dative of 385; implied by circumstantial participle 653, 1; reckoning of 725 ff.
- Tmesis** 298 a.
- Transitive verbs** 493; tenses 494.
- Tribrach** 683.
- Trimeter** 686, 2; iambic 698.
- Tripody** 686, 1.
- Triseme** 682, 3.
- Trochee** 683; trochaic rhythms 694 ff.; 707, 2.
- Ultima** 51.
- Unreal conditions**. See **Conditions** contrary to fact.
- Value**, genitive of 352 note; 353.
- Variable vowel** 169.
- Vau** 2 and 2 a. See also *ϕ* in the Greek Index.



[THE REFERENCES ARE TO SECTIONS]

- Verbal adjectives 159, 2; accent of 185, 2; formation of 235; syntax of 663 ff.; agent with 666.
- Verbs 157 ff.; voices 158; deponent verbs 158, 3; modes 159; tenses 161; principal parts 162; irregular verbs 164; primitive and denominative verbs 165; 291-292; person and number 166; personal endings 167; forms of inflection 168 ff.; augment 171 ff.; reduplication 177 ff.; accent 184-185; formation and inflection of tense stems 186 ff.; synopsis of *παίδειω* 236; paradigms of *-ω* verbs 237 ff.; paradigms of *-μι* verbs 251 ff.; irregular *-μι* verbs 259 ff.; formation of 291-292; desiderative 293; compound 298; verb of predicate omitted 308; verb has no distinction of gender 314 note; not expressed in conditions 615; 616.
- Verbs, syntax of 493 ff.; transitive and intransitive 493 ff.; agreement 495 ff.; voice of 502 ff.; use of tenses 517 ff.; uses of finite modes 552 ff.; infinitive 628 ff.; participle 648 ff.; verbal adjectives 663 ff.; list of verbs 729.
- Verse 687 ff.
- Versification 679 ff.
- Vocative, often like nominative 74 notes 2 and 3; sing. in 1st decl. masculine 87; in 3d decl. 98; like nominative 98, 1; peculiar vocatives 104 note; 107, 1.
- Vocative case, syntax of 327.
- Voice of the verb 158; 502 ff.; active 503; middle 504 ff.; passive 509 ff. See Active, Middle, and Passive.
- Vowels, short and long 3; sounds of 4; 4, 1; interchange of short and long 13; long for short in Homer 13 a; interchange of short 14; contraction of 18; table of contractions 715; contraction of three vowels 19 note 1; omission of 20; 21; long form before a suffix 274 note; lengthened in forming compounds 296.
- Vowel verbs, formation of tenses of 187-189; aorist of 202; 207; perfect of 218, 2; future perfect of 228; aorist passive of 231, 2; inflection of 236 ff.
- Waterclock 728.
- Weights, table of 723.
- 'Whole and part' construction 335 a.
- Wishes 586 ff.
- Words, formation of 268; derivative 269 ff.; word groups 271; compound words 294 ff.; word questions. See Questions.
- Year, name of 725; divisions of 726.
- 'Yes or no' questions. See Questions.
- Zeugma 717, 19.



# GREEK INDEX

[THE REFERENCES ARE TO SECTIONS]

Verb forms, as a rule, are not listed in this index, but they are to be sought in the List of Verbs (§ 729).

**α**, sound of 4; developed from adjacent consonants 14, 1; vowel equivalent of *ν* 14 note; short in 1st decl. 82; absorbs short vowel 117, 1.

*ἀ*-privative 299, 1.

*ἀ*-conjunctive 299, 2.

*ᾱ*, = *η* in Attic 15; *ᾱ* in Ionic 15 a; for *α* by compensation 15, 1; in 1st decl. after *ε*, *ι*, or *ρ* 83; 86; in fem. of adjectives 117, 1.

*-ᾱ*-, substantive suffix 277, 2.

*-α* declension 80 ff.

*ᾱ*, sound of 6, 1.

*ἀγαθός*, compared 136.

*ἄγε*, *ἄγετε*, with subj. and impv. 582 note.

*ἄγνυμι*, augment 172, 2; reduplication 180; perfect intransitive 494, 3.

*ἀγχοῦ* 418 a.

*-αδᾱ*-, *-αδ*-, patronymic suffixes 285, 2.

*-αζω*, formation of verbs in 195, 2; 292, 6.

*Ἀθήνᾱζε* 137, 2.

*αι*, sound of 6.

*αι* (for *ει*) in Homer 587 a; 600, 1 a.

*αι*, *αι κε* (Epic) = *ει*, *ἐάν* 442 b.

*-αι* final, effect on accent 63; elision of 44 a.

*αἰδώς*, declined 109.

*Αἰθιοπῆας* 114, 2 a.

*-αινω*, formation of verbs in 292, 8.

*-αιος*, as suffix 275.

*αἰροῦμαι* choose 506.

*αἰσθάνομαι*, construction with 669, 3.

*αἰσχρός*, compared 134.

*αἰσχύνομαι*, with partic. 660, 1; with infin. 660, 1 note.

*-akis*, adverbial suffix 290, 4.

*ἀκούω*, construction with 669, 3; with genitive 356; *εἶ* (*κακῶς*) *ἀκούω* 513.

*ἄκρος*, position of article with 454.

*ἀλγεινός*, compared 136.

*ἀλλά* in apodosis 601 note.

*ἀλλά γάρ* 441 note 2.

*ἀλλήλων*, declined 142.

*ἄλλοθι* 137, 2.

*ἄλλος*, declined 140; idiomatic uses of 492 notes.

*ἄλλο τι ἤ* in questions 573 note.

*ἄλλως τε καὶ* 441 note 1.

*ἅμα*, as improper preposition 418; with circumstantial participle 655.

*ἀμαχεί* 137, 1.

*ἀμείνων* 136.

*ἄμμες* 139 a.

*ἄμός* 143 a.

*ἀμύνωι* construction with 378.

*ἀμφί*, use of 400 and a.

*ἀν* for *ἀνά* 43 note 3.

*ἄν*, use of 436 ff.; position of 439 note 1; repeated 439 note 2; with future indicative (Hm.) 563 a; not used with *ἔδει*, *χρῆν*, etc. 567; 607; in purpose clauses 590 note 2;

## [THE REFERENCES ARE TO SECTIONS]

- not always used with dependent subj. 604 a; 609 a; 623 a; 625 a; with infinitive 647; with participle 662; in indirect discourse 439; 670, 2.
- $\acute{\alpha}\nu$  =  $\acute{\epsilon}\alpha\nu$  438 note.
- $\acute{\alpha}\nu$ -, inseparable prefix 299, 1.
- $\acute{\alpha}\nu\% \acute{\epsilon}$ -, present suffix 196, 2.
- $\acute{\alpha}\nu\acute{\alpha}$ , use of 401 and a.
- $\acute{\alpha}\nu\acute{\alpha}\gamma\kappa\eta$   $\acute{\epsilon}\sigma\tau\acute{\iota}$  with infinitive 641.
- $\acute{\alpha}\nu\delta\acute{\alpha}\nu\omega$ , augment 172, 2; reduplication 180.
- $\acute{\alpha}\nu\epsilon\nu$  418.
- $\acute{\alpha}\nu\acute{\epsilon}\chi\omega$ , augment of 175 note.
- $\acute{\alpha}\nu\acute{\eta}\rho$ , declined 105 and a.
- $\acute{\alpha}\nu\omicron\lambda\acute{\iota}\gamma\omega$ , augment 172, 2 and note 1; reduplication 180.
- $\acute{\alpha}\nu\tau\acute{\iota}$ , use of 402; after comparative 426 note 5;  $\acute{\alpha}\nu\tau\acute{\iota}\omicron\nu$  418.
- $\acute{\alpha}\nu\acute{\upsilon}\sigma\acute{\alpha}\varsigma$  *quickly* 653 note 2.
- $\acute{\alpha}\nu\omega$ , compared 138, 1.
- $\acute{\alpha}\xi\acute{\iota}\omicron\varsigma$  with genitive of value 353, 1.
- $\acute{\alpha}\omicron$  becomes  $\acute{\epsilon}\omega$  17.
- $\acute{\alpha}\omicron$ ,  $\acute{\alpha}\omega$ , sometimes changed to  $\acute{\epsilon}\omicron$ ,  $\acute{\epsilon}\omega$ , in Herodotus 199 e.
- $\acute{\alpha}\pi\acute{\omicron}$ , use of 403.
- $\acute{\alpha}\pi\omicron\delta\acute{\iota}\delta\omicron\mu\alpha\iota$  *sell* 506.
- $\acute{\alpha}\pi\omicron\lambda\lambda\omicron\nu$ , vocative 104 note.
- $\acute{\alpha}\pi\tau\omicron\mu\alpha\iota$  *touch* 506.
- $\acute{\alpha}\rho\alpha$  in questions 571, 1.
- $\acute{\alpha}\rho\acute{\eta}\nu$ , declined 115, 2.
- $\acute{\alpha}\rho\eta\varsigma$ , declined 115, 1 and a.
- $\acute{\alpha}\rho\iota$ -, inseparable prefix 299 a.
- $\acute{\alpha}\rho\acute{\iota}\sigma\tau\omicron\varsigma$  136.
- $\acute{\alpha}\rho\chi\acute{\eta}\nu$  as adverb 336.
- $\acute{\alpha}\rho\chi\acute{\omicron}\mu\epsilon\nu\omicron\varsigma$  653 note 2.
- $\acute{\alpha}\sigma\sigma\alpha$  148 a.
- $\acute{\alpha}\sigma\sigma\alpha$  (relative) 150 a.
- $\acute{\alpha}\sigma\tau\upsilon$ , declined 110 and d.
- $\acute{\alpha}\tau\alpha\iota$ , - $\acute{\alpha}\tau\omicron$ , 3d plural ending 167 d; 200 c; 226 a.
- $\acute{\alpha}\tau\epsilon$  441 a; with participle expressing cause 656, 1.
- $\acute{\alpha}\tau\epsilon\rho$  418 a.
- $\acute{\alpha}\tau\tau\alpha$  148 note 1.
- $\acute{\alpha}\upsilon$ , sound of 6.
- $\acute{\alpha}\upsilon\tau\eta$ . See  $\omicron\upsilon\tau\omicron\varsigma$ .
- $\acute{\alpha}\upsilon\tau\acute{\iota}\kappa\alpha$  with circumstantial participle 655.
- $\acute{\alpha}\upsilon\tau\acute{\omicron}\varsigma$ , declined 140; as 3d personal pronoun in Attic 140, 1; syntax of 474 ff.; with reflexives 470 a; 473; in Homer 475, 1 a and 3 a; idiomatic uses 475, 3 notes; in genitive case with possessive pronouns 479.
- $\acute{\alpha}\upsilon\tau\omicron\upsilon$  141, 1.
- $\acute{\alpha}\chi\tau\iota$  418.
- $\acute{\alpha}\omega$ , formation of verbs in 292, 3.
- $\acute{\alpha}\omega$ , verbs in (Homeric) 199 b; 292, 3 a.
- $\beta$ , sound of 11. See Labial Mutes.
- $\beta\acute{\alpha}\lambda\iota\nu\omega$ ,  $\acute{\epsilon}\beta\alpha\tau\omicron\nu$  211 a; 1st and 2d aorist of 494, 1; future transitive 494 note;  $\beta\acute{\epsilon}\beta\eta\kappa\alpha$  535.
- $\beta\alpha\sigma\acute{\iota}\lambda\epsilon\upsilon\varsigma$ , declined 111 and a; without article 446 note.
- $\beta\acute{\epsilon}\lambda\tau\acute{\iota}\omega\nu$ ,  $\beta\acute{\epsilon}\lambda\tau\acute{\iota}\sigma\tau\omicron\varsigma$  136.
- $\beta\omicron\rho\rho\acute{\alpha}\varsigma$ , declined 88.
- $\beta\omicron\upsilon\lambda\epsilon\acute{\upsilon}\omega$ , meaning of middle 506.
- $\beta\omicron\upsilon\varsigma$ , declined 111 and c.
- $\gamma$ , sound of 11;  $\gamma$  nasal, sound of 11, 1. See also Palatal Mutes.
- $\gamma\acute{\alpha}\lambda\alpha$  103.
- $\gamma\alpha\mu\acute{\omega}$ , meaning of middle 506.
- $\gamma\acute{\alpha}\rho$ ,  $\kappa\alpha\acute{\iota}$   $\gamma\acute{\alpha}\rho$ ,  $\acute{\alpha}\lambda\lambda\acute{\alpha}$   $\gamma\acute{\alpha}\rho$  441 note 2.
- $\gamma\alpha\sigma\tau\acute{\eta}\rho$ , declined 105 and a.
- $\gamma\gamma$ -, present of verbs with themes in 195 note 1; perfect middle 247, 2.
- $\gamma\epsilon\gamma\acute{\alpha}\tau\eta\nu$  219 a.
- $\gamma\epsilon\rho\alpha\acute{\iota}\omicron\varsigma$ , comparison of 132, 2.
- $\gamma\upsilon$ - apparently = - $\tau\tau$ - 195 note 2.
- $\gamma\acute{\iota}\gamma\omicron\nu\omicron\mu\alpha\iota$  as copula 307.
- $\gamma\nu$ -, reduplication of 178 note.
- $\gamma\acute{\omicron}\nu\upsilon$ , declined 115, 3 and a.

## [THE REFERENCES ARE TO SECTIONS]

γραῦς, declined 111 and b.

γράφομαι *indict* 506.

γυνή, declined 115, 4.

δ, sound of 11. See also *Lingual Mutes*.

δανείζομαι *borrow* 506.

δᾶς, declined 115, 5.

δέ in apodosis 601 note.

-δε, adverbial ending 137, 2.

δέδουκα *fear* 535.

δείκνυμι, inflection of 254.

δεῖνα 148 note 2.

δέμας *like* 418 a.

δέπα 106 c.

δέσματα 114, 2 a.

δή, δή ποτε, added to indefinite relatives 151 note.

δῆλός εἰμι, construction with 669, 3; personal 634; 660 note.

-δην, adverbial suffix 290, 2.

διά, use of 404.

διὰ γυναικῶν 355, 1.

δίδωμι, inflection of present 252; of aorist 256; contract forms δίδου, ἐδίδους, etc. 170, 4; 170, 4 a; διδοῦσι 200 b; δός 170 note 1.

δικάζω, meaning of middle 506.

δίκην 336; 418.

διότι in causal clauses 598.

δίχα 418 a.

δμῶς, declined 115, 7.

δοιοί, δοιώ 155 a.

δοκῶ, construction with 669, 2.

-δον, adverbial suffix 290, 1.

δόρυ, declined 115, 6 and a.

δός 170 note 1.

δθή, δῦμεν (optative) 211, 2 a.

δύναμαι, accent of optative 200 note.

δύο, declension of 155; δυοῖσι 155 b.

δυσ-, inseparable prefix 299, 3.

δύω, inflection of 2d aorist ἔδυν 257; δύη 211, 2 a; 1st and 2d aorist of 494, 1.

δύω, δυῶν, δυῶδεκα 155 a-b; 152 b.

δῶ, contraction of 199 note.

ε, sound of 4; absorbed before οι 19, 1; in tense formation 190.

ε 139.

-έα for -εῖα in Herodotus 123 a.

εᾶ for ηα 17.

εα contracted to ā 91, 1; 106, 2.

εαι contracted to αι 118, 1; 120, 3.

ἐάν = εἰ ἄν 438 note; use of in conditions 600, 1.

ἐαντοῦ 141; syntax of 469 ff.

ἐγγύς 418.

ἐγώ, declined 139.

ἔδει, without ἄν 567, 1; 607.

ἔδυν. See δύω.

εε, contraction of 18, 3.

εε 139 a.

εης 149 a.

εθεν 139 a.

εθίζω, augment 172, 2; reduplication 180.

ει, sound of 6 and 6, 3; for ε by compensation 16, 1.

εἰ, in wishes 587 a; after words of wondering 598, 1; in conditions 601; with subjunctive in Homer 604 a; 609 a.

εἰ γάρ in wishes 587; 588.

εἰ δέ μή 616, 3.

εἶδον, augment 172, 2.

εἴθε in wishes 587; 588.

εἰλήλουθα 219 note 1.

εἰληφα, εἰληχα, εἰλοχα, εἰμαρται 178, 2.

εἶλον, augment 172, 2.

εἰ μή 616, 1; εἰ μή διά 616, 2.

εἴμι, inflection of 261; future meaning of present 524 note; in Homer 524 a.

εἰμι, inflection of 262; accent of 262, 1.

εἰνάκεις, εἰνατος 152 a-b.

[THE REFERENCES ARE TO SECTIONS]

- εἰνί* 406 a.  
*εἶο* 139 a.  
*-εἰος*, as suffix 275.  
*εἶπον* 208, 1; construction with in indirect discourse 669, 1; with infinitive 669 note.  
*εἴρηκα* 178, 2.  
*εἶς*, declined 155.  
*εἰς*, use of 405 and a; sometimes accented in Homer 68 a; *εἰς ὃ κε* = *until* 618 a.  
*εἶσα*, augment 172, 2.  
*εἶσω* 418.  
*εἶτα* with circumstantial participle 655.  
*-εἰω*, formation of verbs in 292, 2 a.  
*εἴως* 442 b.  
*έκ*. See *έξ*.  
*έκας* 418 a.  
*έκεινος*, declined 146; use of 480 ff.  
*έκητι* 418 a.  
*έκτός* 418.  
*έκών*, declined 129; *έκών εἶναι* 642, 1.  
*έλάττων*, *έλάχιστος* 136; *έλάττων* with comparatives 426 note 4.  
*έλαύνω* = *march* 493, 1.  
*έλίττω*, augment 172, 2; reduplication 180.  
*έλκω*, augment 172, 2; reduplication 180.  
*έμαντοῦ* 141.  
*έμέθεν* 139 a.  
*έμός* 143.  
*έμοῦ* 139.  
*έμπροσθεν* 418.  
*έν*, use of 406 and a; sometimes accented in Homer 68 a; *έν τοῖς* 427 note.  
*έναντίον*, *ένεκα* 418.  
*ένερθε(ν)* 418 a.  
*ένθαῦτα* 41 a.  
*ένί* 406 a.  
*-εντ-* adj. suffix (fullness) 289, 1.  
*έντός* 418.  
*έξ*, *έκ* 47; use of 407; sometimes accented in Homer 68 a.  
*έξήν*, without *άν* 567, 1; 607.  
*έξω* 418.  
*εο*, contraction of 18, 5; contracted to *ευ* in Hdt. 170 c.  
*εο*, *εον*, contraction of in Ionic 18 a.  
*εο*, *εω*, from *αο*, *αω*, in Hdt. 199 e.  
*έοι* 139 a.  
*έός* 143 a.  
*έπάν (έπεάν)*, *έπήν*, *έπειδάν* 438 note.  
*έπει*, *έπειδή*, in causal clauses 598.  
*έπειτα* with circumstantial participle 655.  
*έπί*, use of 408.  
*έπίσταμαι*, accent of subj. and opt. 200 note.  
*έπομαι*, augment of 172, 2.  
*έπριάμην* 257.  
*έργάζομαι*, augment 172, 2; reduplication 180.  
*έρπω*, augment 172, 2; reduplication 180.  
*-εσ-*, substantive suffix 277, 3; adjective suffix 287, 2.  
*-εσι*, dative plural ending (epic) 99 a.  
*εσσι(ν)*, dative plural ending (epic) 76 b; 99 a.  
*έσταμεν* 220.  
*έστηκα stand* 535.  
*έστί*, accent of 262, 1.  
*έστιν (εἰσι) οἱ* 486 note.  
*έστιῶ*, augment of 172, 2.  
*έσώς*, declined 131 and note.  
*έσχατος*, article with 454.  
*έτερος*, idiomatic uses of 492 notes.  
*ευ*, sound of 6.  
*-ευ-*, stems in 111 and a; contracted 111, 2.  
*εὔ* (Ionic), use of 477 a.  
*-ευ-*, substantive suffix (agent) 278, 1; gentile suffix 286, 1.  
*εὐθός* with circumstantial partic. 655.  
*εὔτε* 442 a.

## [THE REFERENCES ARE TO SECTIONS]

- εύω, formation of verbs in 292, 4.  
 ἐφ' ᾧ 441 a; ἐφ' ᾧ, ἐφ' ᾧ, use of 596.  
 ἐχθρός, compared 134.  
 ἐχρήν 267; without ἄν 567, 1; 607.  
 ἔχω, augment of 172, 2; meaning of middle 506; with participle = perfect 536, 2; = *be* 493, 1.  
 ἔχων *persistently* 653 note 2; *with* 653 note 3.  
 εω for ᾠ or η 17.  
 -έω, formation of verbs in 292, 2.  
 ἐῶ, augment 172, 2.  
 ἔως 618 note.
- Ϝ 2 and 2 a; prevents elision in forming compounds 295, 1.  
 Ϛ (numeral) 156.
- ζ 12, 3; sound of 11.  
 ζα-, inseparable prefix 299 a.  
 Ζεύς, declined 115, 8 and a.  
 ζῶ, contraction of 199, 3.
- η, sound of 4; as long form of α 13 note; Attic = original ᾱ 15; in Ionic 15 a.  
 -η in 1st decl. 83; Ionic 83 a; η in feminine of adjectives 117, 1.  
 η from α in 1st aorist of liquid verbs 204 note 2.  
 -η-, subjunctive sign 160.  
 ῆ in questions 571, 1; 571 a; 574 a.  
 ῆ, use of with comparative 426, 2 and notes; interrogative 574 a; ῆ κατά 426 note 5.  
 ῆ, ῆδε. See ὁ and ὅδε.  
 η, sound of 6, 1.  
 ῆ 151; with superlative 428.  
 ηα becomes εᾱ 17.  
 -ηαι contracted to -η in Hdt. 170 c.  
 ἡγοῦμαι, construction with 669, 2.  
 ῆδη with circumstantial partic. 655.
- ἡδύς, compared 134.  
 ἡέ, ῆε, in questions 574 a.  
 ἡλίκος 151.  
 ῆμαι, inflection of 265.  
 ῆμαρ 103, 1.  
 ἡμεῖς 139.  
 ἡμὲν . . . ἡδέ 441 b.  
 ἡμετερόνδε 137, 2 a.  
 ἡμέτερος 143.  
 ἡμί 266.  
 ἡμ-, inseparable prefix 299, 4.  
 ἡμιν, ἡμῶν 139 note 2.  
 ἡμῖς, article with 454.  
 ῆμος 442 a.  
 ἦν = ἐάν 438 note.  
 ἡνίκα 151.  
 ἡνιοχεν- in Homer 114, 2 a.  
 ηο becomes εω 17.  
 ῆος 442 b.  
 ῆπαρ 103, 1.  
 Ἡρακλῆος 108 a.  
 ῆρως 113 and a.  
 -ης, adjectives in 120 and a.  
 ῆτις. See ὅστις.  
 ῆττων 136.  
 ην, sound of 6, 2.  
 ῆχώ 112.  
 ῆώς, declined 109 a.
- θ, sound of 11. See Lingual mutes;  
 θ in tense formation 191 a.  
 θανάτου κρίνειν 367 note.  
 θάπτω 41.  
 θαρρῶν *boldly* 653 note 2.  
 θάττων 134.  
 -θεν, case ending in Homer 76 a; adverbial ending 137, 2.  
 -θει, adverbial ending 137, 2; imperative ending 167; 200 c.  
 θοιμάτιον 43.  
 θρῆξ 41; declined 101.  
 θυγάτηρ, declined 105 and a.  
 θύω, meaning of middle 506; ἐτύθην 40.

## [THE REFERENCES ARE TO SECTIONS]

- ι, sound of 4; subscript 5, 1; contraction of 18, 1; dropping of 21; with consonants 39, 1-4.
- ι, locative ending 76 note.
- ι- stems in 3d decl. 110; proper names 110, 2.
- ι-, optative suffix 160, 1 (cf. 199; 233 note).
- ι class of verbs 195.
- ι%-, denominative verb suffix 292.
- ι, added to demonstrative pronouns, 147.
- ἰα one 155 a.
- ια-, -ια-, substantive suffixes 282, 1-2.
- ιδ-, gentile suffix 286, 1.
- ιδᾶ-, -ιδ-, patronymic suffixes 285, 1.
- ἰδιος with possessive genitive 348, 2.
- ἰδρώς in Ionic 102 a.
- ἰερός with possessive genitive 348, 2.
- ιζω, formation of verbs in 195, 2; 292, 6; future 215.
- ιη-, optative suffix 160, 1 (cf. 199 note; 233 note).
- ἱημι, augment of 172, 2; reduplication of 180; inflection of 260.
- ἱθι with imperative 582 note.
- ικο-, adjective suffix 287, 6.
- ἱλεως, declined 119 and a.
- ἱνα in purpose clauses 590.
- ινο-, adjective suffix (material) 288, 2.
- ιο-, diminutive suffix 283, 1; place suffix 284, 1; adjective suffix 287, 5.
- ισκο-, -ισκᾶ-, diminutive suffixes 283, 2.
- ισκ%- present suffix 197.
- ἵστημι, ἱστᾶσι 167 note 3; στήητον 211, 1 a; στέωμεν 211, 1 b; inflection of present 253; of 2d aorist 257; 1st and 2d aorist of 494, 1; perfect intransitive 494, 3.
- ιστος, superlative ending 134; more frequent in poetry 134 b.
- ἰχθύς, declined 110 and e.
- ῖων, comparative ending 134; more frequent in poetry 134 b.
- κ, sound of 11; for π in Herodotus 151 b. See also Palatal Mutes.
- κα, 1st perfect suffix 218; in aorist 205.
- κάθημαι, inflection of 265, 1.
- καί, καί δὲ καί, meaning of 441 note 1; καί γάρ 441 note 2.
- καί, καίπερ, καί ταῦτα with participle expressing concession 656, 2 and a; καί ταῦτα 312 note; καί τὸν 443, 3.
- κακός, compared 136.
- κάλος 92 a.
- καλός, compared 136.
- κᾶν for καί ἐν 43 note 1.
- κᾶν for καί ἐάν 617.
- κάρᾱ, κάρη declined 115, 9 and a.
- κατά, use of 409.
- κατηγορῶ with genitive 370.
- κείμαι, inflection of 264.
- κείνος 146 a.
- κέκτημαι possess 535.
- κέρας, declined 115, 10; 103, 2 and a; 106.
- κιθών 41 a.
- κίς, declined 110, 2.
- κλαίων to one's sorrow 653 note 2.
- κλέα 106 a.
- κλέης, names in 108 and a.
- κόθεν 151 b.
- Κοινή (common dialect), Introduction, page 12.
- κοῖος 151 b.
- κόρυς, declined 115, 11 a.
- κόσος, κοτέ, κοῦ 151 b.
- κρείττων 136.
- κρέμαμαι, accent of subjunctive and optative 200 note.
- κυρῶ, supplementary participle with 660 note.
- κύων, declined 115, 12.
- κώεσι 106 c.
- κῶς 151 b.

[THE REFERENCES ARE TO SECTIONS]

**λ**, sound of 11. See Liquids.

λαγός, λαγώς 92 a.

λαγχάνω, λαμβάνω, reduplication of perfect 178, 2.

λάθρᾱ 418.

λανθάνω, supplementary participle with 660 note; λαθών = *secretly* 653 note 2.

λᾱός 92 a.

λās, declined 115, 13.

λέγω (*collect*), reduplication of perfect 178, 2.

λέγω (*say*) construction with, in indirect discourse 669, 1; εἶ (κακῶς) λέγω τινά 330.

λείπω *fail* 493, 1.

λιθοβόλος, λιθόβολος 300 note.

-λλω, formation of verbs in 292, 7.

-λο-, adjective suffix 287, 9.

λογογράφος, λογοποιός 300.

λῶων, λῶστος 136.

**μ**, sound of 11. See Liquids.

-μᾱ-, substantive suffix 280, 3.

-μαίνω, verbs in 292, 8 note.

μάλα, comparison of 138, 2.

μᾶλλον, μάλιστα, in comparison of adjectives 135.

μάρτυς, declined 115, 14 and a.

-ματ-, substantive suffix 280, 1.

μέγας, declined 127; compared 134.

-μεθον, dual ending 167 note 1.

μείων 136; μεῖον with comparatives 426 note 4.

μέλās, declined 124.

μέλι 103.

μέλλω with infinitive 533; with future infinitive 549, 1.

μémνημαι *remember* 535; subjunctive and optative of 227 note.

-μεναι, -μεν, infinitive ending (epic) 167 e; accent of 185, 1 a.

-μέσθα, 1st plural ending 167 note 2.

μέσος, position of article with 454.

μετά, use of 410 and a.

μεταξύ 418; with circumstantial participle 655.

μέχρι 418.

μή, syntax of 431 ff.; instead of οὐ 431 note; μή (ἄρα μή, μὴν) in questions 572, 2; μή in wishes 589; after ὁρῶ, σκοπῶ, etc. 593 note; ὅτι μή, ὅσον μή 625 note; μή ὅτι 442 note; μή οὐ 432; 435 and note.

μηδεῖς, declension of 155, 1.

μήτηρ, declined 105 and a.

μητροκτόνος, μητρόκτονος 300 note.

-μι personal ending 167; 170 a; 170 note 1.

-μι verbs, inflection of 170; paradigms 251 ff.; irregular 259 ff.; like contract verbs 170, 4 and a.

μία. See εἷς.

μίγα, μίγδα 418 a.

μῖκρός, compared 136; μῖκροῦ (δεῖν) = *almost* 642, 1 and note.

μιν 139 b.

μισθοῦμαι *hire* 506.

-μο-, substantive suffix 280, 2.

-μον-, adjective suffix 287, 3.

μοῦ 139.

-μπ-, perfect middle of themes in 247, 1.

μῶν in questions 572, 2; μὴν οὐ 572 note.

**ν**, sound of 11 (see Liquids); replaced by α 14 note; changes in before other consonants 31-34; assimilated 33; dropped before σ 34; dropped in dative plural 3d decl. 99; ν movable 45.

-ν 3d plural ending for -σαν 167 c; 170 b; 233 a.

ν class of verbs 196.

να, νη- present suffix 196, 3.

ναῦς, declined 111 and b.



[THE REFERENCES ARE TO SECTIONS]

νε<sup>ο</sup>ε-, present suffix 196, 4.

νη-, inseparable prefix 299 a.

νηός 92 a.

νηύς, νηός 111 b.

νιν 139 note 1.

-νο-, adjective suffix 287, 7.

-ν<sup>ο</sup>ε-, present suffix 196, 1.

νομίζω, construction with 669, 2.

νόσφι(ν) 418 a.

ντ dropped in dative plural 3d decl.

99, 1.

-ντ-, adjective stems 125.

-νυ-, present suffix 196, 5.

νώ 139; νώτερος 143 a.

ξ 12, 3; sound of 11.

ξύν. See σύν.

ξω, contraction of 199 note.

ο, sound of 4; absorbed before οι 19, 1.

-ο-, substantive suffix 277, 1; adjective suffix 287, 4; adjective suffix (material) 288, 1.

ὀ- relative stem 151.

ὀ, ἡ, τό, declined 144; demonstrative in Homer 144 a; in Herodotus 144 b; as relative in Homer 149 a; in Herodotus 149 b; use with ap-  
positive in Homer 317 a; epic uses of 443 a; as a relative 443 b; ὁ μὲν . . . ὁ δέ 443, 1. See Article.ὁ, ὁ τε in causal clauses (epic) 598 a.  
οα contracted to ᾠ 118, 1.

ὁδε, declined 145; use of 480 ff.; = a possessive 482 note.

ὁδούς 102.

οε, contraction of 18, 5.

οει, contraction of 19, 2.

οη, contraction of 19, 2; 170, 2.

ὀθεν 151.

ὀδοῦνκα, introducing indirect dis-  
course 669, 1 b.

οι, sound of 6; absorbs ε or ο 19, 1.

-οι final, effect on accent 63.

-οι-stems 112 and a.

οἷ (pron.) 139; οἷ (adv.) 151.

οἷγω. See ἀνοίγω.

οἶδα, inflection of 259; meaning of 535; construction with 669, 3.

Οἰδίπους, declined 115, 15 and a.

-οιuv in dual of 2d decl. (Homer) 90 b.

οἰκαδε 137, 2.

οἰκείος with possessive genitive 348, 2.

οἰκοθεν 137, 2.

οἰκοθι 137, 2 a.

οἰκοι 137, 1.

-οιο, ending of genitive singular 2d  
decl. in Homer 90 a.

οἶμαι, construction with 669, 2.

οἶος 151; with superlative 428; at-  
traction of 485 note 2; οἶός τε  
441 a; οἶον, οἶα, with participle  
expressing cause 656, 1.

οἷς, declined 115, 16 and a.

ὀκθεν, ὀκοῖος, ὀκόσος, ὀκου, ὀκως 151 b.

ὀλίγου (δεῖν) = almost 642, 1 and  
note.

ὀλλῦμι, 1st and 2d perfect of 494, 2.

ὀλος, article with 455.

ὀμως with circumstantial partic. 655, 1.

ὀναίμην, accent of 211 note.

ὀνειρατ- 114, 2.

οο, contraction of 18, 3.

-οο, ending of genitive singular 2d  
decl. in Homer 90 a.

δο (δου) 149 a.

δοη, ὀπηλίκος, ὀπηνίκα, ὀπόθεν. δοποι,  
ὀποῖος, ὀπόσος, ὀπότε, ὀπον 151.

δοισθεν 418

δοπιος, ὀπότες etc. 151 a.

δοπως 151; with subjunctive or future  
indicative in commands 583 note  
3; with future indicative in pur-  
pose clauses 590 note 3; in object  
clauses 593; δοπως μή, instead of  
μή 594 note.

δορῆς, declined 115, 17.

## [THE REFERENCES ARE TO SECTIONS]

ὄρῳ, augment of 172, 2 and note 1 ;  
reduplication of 180 ; with *μή* and  
subjunctive 593 note.

ὅς, ἥ, ὅ (relative) 149.

ὅς as demonstrative 144 a.

ὅς (possessive) 143 and 1 ; use of  
143 a ; 478 and a.

ὅς, ὅσος, etc., referring to indefinite  
antecedent 488.

ὅσος 151 ; attraction of 485 note 2 ;  
ὅσον *μή* 625 note ; ὅσος 151 a.

ὅστις, declension of 150 ; οὐδεὶς ὅστις  
οὐ 485 note 1.

ὅταν 438 note.

ὅτε 151.

ὅτι, with superlative 428 ; in causal  
clauses 598 ; introducing indirect  
discourse 669 ; ὅτι *μή* 625 note.

ὅτις, ὅτεο, ὅττι, etc., in Homer and  
Herodotus 150 a-b.

ὅτου, ὅτω 150, 1.

ον, sound of 6 and 6, 3 ; for ο by  
compensation 16, 1.

οὐ, οὐκ, οὐχ 46 ; οὐ, syntax of 431 ff. ;  
instead of *μή* 431 note ; οὐ (*ᾶρ' οὐ*,  
*οὐκοῦν*) in questions 572, 1 ; οὐ *μή*  
432.

οὐ, οἷ, ἐ, declined 139 ; accent of 139,  
1-2 ; use of, in Attic 468 ; 472 ; in  
Homer 472 a.

οὐ (*where*) 151.

οὐδαμοῦ 137, 1.

οὐδεὶς, declension of 155, 1 ; οὐδεὶς  
ὅστις οὐ 485 note 1.

οὔδεος 106 c.

οὖν, added to indefinite relatives 151  
note.

οὔνεκα, introducing indirect discourse  
669, 1 b.

οὗς, declined 115, 18 and a.

οὔτος, declined 145 ; use of 480 ff. ;  
*καὶ οὔτος* 312 note.

οὕτως, with circumstantial participle  
655, 1.

ὄφρα 618 a ; ὄφρα and ὄφρα κε in pur-  
pose clauses 590 a, b.

οὐχ ὅτι 442 note.

-ὄω, formation of verbs in 292, 1.

π, sound of 11 ; doubled in general  
relatives in Homer 151 a. See  
Palatal Mutès.

πάθος 14 note.

παῖς, declined 115, 19.

πάλαι with present tense 522.

παρά, use of 411.

πάρος 627 a.

πᾶς, declined 125 ; article with 455.

πᾶσα 125 note 1.

πάσχω, εἶ πάσχω 513.

πατήρ, declined 105 and a.

Πατροκλεεσ- in Homer 114, 2 a.

πειθῶ 112.

πείθω, 1st and 2d perfect of 494, 2.

Πειραιεύς, declined 111, 2.

πέλεκυς, declined 110.

πέπασθε 219 a.

πέποιθα trust 535.

περ with participle 656, 2 a.

πέρᾱν 418.

πέρας 103, 2.

περί, use of 412 and a.

πέφυκα am 535.

πῆ, πῆ 151.

πήγνυμι, perfect intransitive 494, 3.

πηλίκος, πηνίκα 151.

πήχυσ, declined 110 and d.

πίσυρες 152 a.

πλέᾱ feminine of πλέως 119, 2.

πλείων (πλέων), πλείστος 136 ; πλέον  
with comparatives 426 note 4.

πλέω, contraction of 199, 2.

πλήν, πλησίον 418.

Πνύξ, declined 115, 20.

πο- interrogative stem 151.

πόθεν, ποθέν 151.

ποῖ 137, 1.

ποῖ, ποι, ποῖος, ποῖός, 151.

## [THE REFERENCES ARE TO SECTIONS]

- ποιῶ, εἰ ποιῶ τινα, etc. 330.  
 πόλις, declined 110 and a-c.  
 πολῖτεύω, meaning of middle 506.  
 πολύ 137, 1.  
 πολύς, declined 127 and a; compared 136.  
 Πόσειδον, vocative 104 note.  
 πόσος, ποσός, πότε, ποτέ 151.  
 ποτί 414 a.  
 ποῦ 137, 1; ποῦ, πον 151.  
 πρᾶος, declined 128.  
 πρεσβεύομαι negotiate 506.  
 πρεσβευτής, declined 115, 21.  
 πρίν 627 and a; πρίν ἤ 627 note.  
 πρίωμαι, πριαίμην, accent of 211 note.  
 πρό, use of 413; πρὸ τοῦ 443, 4.  
 πρόσ, use of 414 and a.  
 πρόσθεν . . . πρίν, πρότερον . . . πρίν, πρότερον ἤ 627 note.  
 προτί 414 a.  
 πρῶ 137, 1.  
 πῦρ, declined 115, 22.  
 πῶς, πως 151.  
 ς ς 156.  
 ρ, sound of 11.  
 ρ (initial), sound of 11, 2; rough breathing of 9; doubled 23. See Liquids.  
 ῥᾱδιος, compared 136.  
 -ρο-, adjective suffix 287, 8.  
 ρρ for ρs 24.  
 σ, s, form of 1, 2; sound of 11; disappearance of 35-37; changed to rough breathing 36; doubled in future and aorist in Homer 201 a.  
 -σ imperative ending 170 note 1.  
 σ in perfect middle and aorist passive 189.  
 -σ- stems in 3d decl. 106-109; in Ionic 106 a-c; 108 a; 109 a.  
 σαντοῦ 141, 1.  
 σβέννυμι, 1st and 2d aorist of 494, 1.  
 σεαυτοῦ 141.  
 σφ, lost at the beginning of some words 36 a.  
 -σθα, personal ending 167 a.  
 -σθωσαν, imperative ending 167 note 4.  
 -σι, locative ending 76 note; dative plural ending 99 and a; 3d person ending 167; 170 a; 170 note 1.  
 -σι-, substantive suffix (action) 279, 2.  
 -σιᾶ-, substantive suffix 279, 3.  
 σῖτος, σῖτα 114, 3.  
 -σκ%- , iterative suffix 191 b.  
 σκοπῶ with μή and subj. 593 note.  
 σκότος, declined 114, 1.  
 σός 143.  
 σπουδῇ 137, 1.  
 σσ, in Homer 30 a; 35 a; in 1st aorist 201 a.  
 στάδιον, στάδιοι 114, 3.  
 σύ, declined 139.  
 σύμμιγα 418 a.  
 σύν, use of 415 and a.  
 -συνᾶ-, substantive suffix (abstract), 282, 4.  
 συνελδντι εἰπεῖν 382; 642, 1.  
 σύννοια, construction with 661 note 2.  
 σῦς, declined 110.  
 σφε 139 note 1.  
 σφεῖς 139.  
 σφέτερος 143; use of 478.  
 σφέων (Ionic), use of 477 a.  
 σφός 143 a.  
 σφώ 139.  
 σφώτερος 143 a.  
 σχές 170 note 1.  
 Σωκράτης, declined 107; 114, 1.  
 σῶτερ, vocative 104 note.  
 τ, sound of 11. See Lingual Mutes.  
 -τ final dropped 95.  
 τ class of verbs 194.  
 -τα, nominative ending of 1st decl. in Homer 85 a.

[THE REFERENCES ARE TO SECTIONS]

- τᾱ-, substantive suffix (agent) 278, 4.  
 -τα-, gentile suffix 286, 2.  
 ταί 144 a.  
 τάλᾱς, declined, 124.  
 -τατος, superlative ending 132.  
 ταῦτό 43.  
 ταχύς, compared 134.  
 τᾶων 144 a.  
 τε, epic use of 441 a.  
 -τε, adverbial suffix 290, 3.  
 τεθνάναι 220.  
 τεῖν 139 a.  
 -τεira, feminine substantives in 282, 2.  
 τελευτῶν *finally* 653 note 2.  
 τέο, τέοισι, τεῦ, etc. 148 a.  
 τέος 143 a.  
 -τέος, ending of verbal adjective 235.  
 τέρας, 103, 2 and a.  
 -τερος, comparative ending 132.  
 τέσσαρες, τέσσερες 152 a-b.  
 τέτταρες, declension of 155.  
 τέψ, τέων, etc. 148 a.  
 τῆ-δε, τηλικούτος, τηλίκος, τηλικόσδε, τηνίκα, τηνικάδε, τηνικάυτα 151.  
 τῆλε 418 a.  
 -τηρ-, substantive suffix 278, 2.  
 -τηριον 284, 1.  
 τῆσι 144 a-b.  
 -τητ-, substantive suffix 282, 3.  
 τί. See τίς; τί μαθῶν, τί παθῶν 653 note 4.  
 -τι-, substantive suffix (action) 279, 1.  
 -τιδ-, substantive suffix (agent) 278, 4; gentile suffix 286, 2.  
 τίθημι, inflection of present 251; of aorist 255; contract forms ἐτίθεις, τιθοῖτο, etc. 170, 4; 170, 4 c; τιθήμεναι 200 a; τιθεῖσι 200 b; ἐτέθη 40.  
 τίς, τίς 148; accent of 148, 1; τίς, added to relatives 150 and note; use and rendering of 491 notes.  
 το-, demonstrative stem 151.  
 τό, τόδε. See ὁ and ὅδε.
- τόθεν 151.  
 τοι (dative singular) 139 a.  
 τοί (nominative plural) 144 a.  
 τοῖν, τοῖο 144 a.  
 τοῖος, τοῖόσδε, τοιοῦτος 151; use of 482.  
 -τορ-, substantive suffix (agent) 278, 3; τοῖσδεσι, τοῖσδεσσι, τοισίδε 145 a.  
 τοῖσι, τῆσι 144 a-b.  
 τὸν καὶ τὸν 443, 2.  
 -τος, ending of verbal adjective 235.  
 τόσος, τοσόσδε, τοσοῦτος 151; use of 482; τόσσος 151 a.  
 τότε 151; τότε with circumstantial participle 655.  
 τοῦ = τίνος 148.  
 τοῦτο. See οὗτος.  
 τρεῖς, declension of 155.  
 τρέφω 41.  
 τρία, τριῶν, τρισί 155.  
 -τριδ-, substantive suffix 278, 4.  
 τριχός 41.  
 -τρο-, substantive suffix 281, 1.  
 τρόπον (adverbial accusative) 336.  
 Τρῶς, declined 115, 23.  
 ττ = Ionic σσ 22; apparently from γι 195 note 2.  
 -ττω, formation of verbs in 195, 1; 292, 5.  
 τυγχάνω supplementary participle with 660 note.  
 τύνη 139 a.  
 τῷ = τίνι, τινί 148.  
 τῶς 151.  
 -τωσαν, imperative ending 167 note 4.
- υ, sound of 4 and 4, 1; initial always with rough breathing 10; dropping of 21; contraction of 18, 1.  
 -υ-, adjective suffix 287, 1.  
 -υ- stems in 3d decl. 110, 1.  
 ὕδωρ, declined 115, 24.

[THE REFERENCES ARE TO SECTIONS]

υι, sound of 6.

υίος, declined 115, 25 and a.

ὑμεῖς 139; ὑμας, ὑμων 139 note 2.

ὑμέτερος 143.

ὑμεις 139 a.

ὑμός 143 a.

-όνω, formation of verbs in 292, 9.

ὑπέρ, use of 416.

ὑπέρ, use of 417.

φ, sound of 11. See Labial Mutes.

φαίνω, inflection of perfect middle

247; perfect intransitive 494, 3;

φαίνομαι as copula 307.

φέρε with imperative 582 note.

φημί, inflection of 263; accent of

263, 1; construction with in in-

direct discourse 669, 1.

φθάνω, supplementary participle with

660 note; φθάσᾱς = *before* 653

note 2.

φθιμην, φθίτο (optative) 211, 2 a.

-φι(ν), epic case ending 76 c.

φίλος, comparison of 132, 2; 135.

φυλάττω, meaning of middle 506.

φύω, 1st and 2d aorist of 494, 1;

future transitive 494 note; per-

fect intransitive 494, 3.

φῶς 103, 2 and a.

χ, sound of 11. See Palatal Mutes.

χαίρων *with impunity* 653 note 2.

χάριν *for the sake of* 336; 418.

χείρ, declined 115, 26 and a.

χείρων, χείριστος 136.

χέω, ἔχυτο 211 a.

χούς, declined 111.

χρή 267; χρῆν without ἄν 567, 1;

607.

χρῶμαι, contraction of 199, 3; dative with 387 note; χρώμενος *with* 653 note 3.

χρῶς in Ionic 102 a.

ψ 12, 3; sound of 11.

ω, sound of 4.

-ω- stems in 92; -ω- (or ωφ) stems 113 and a.

-ω-, subjunctive sign 160.

ω, sound of 6, 1.

-ω verbs, inflection of 169; synopsis of 236; paradigms of 237 ff.

ὠθῶ, augment of 172, 2; reduplication of 180.

ὦν, declined 129.

-ων-, place suffix 284, 2.

ὤς 151; sometimes accented in Homer 68 a; as improper preposition 418; with superlative 428; in wishes 586 a; in purpose clauses 590; in causal clauses 598; accusative absolute after 658 note; ὤς with participle 656, 3; with participle in indirect discourse 661 note 4; introducing indirect discourse 669; ὤς ἔπος εἰπεῖν 642, 1; ὤς εἰ, ὤς εἴ τε with participle in Homer 656, 3 a.

ὥσπερ with participle 656 note; accusative absolute after 658 note; ὥσπερ ἂν εἰ 616, 4.

ὥστε 441 a; expressing result 595 ff.; with participle in Herodotus 656, 1 a.

ων, diphthong in Herodotus 5 a.

ὠντός 140 a.

ὠφελον in wishes 588 and a.

# PARALLEL REFERENCES

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HA	B	HA	B	HA	B
1-4 = Intd.		21 = 11		35 = 729 ( <i>καίω, κλαίω</i> )	
5 = 1		21 a = 11		36 = 17	
6 = 1, 2		21 b = 11 note		37 = 18; 715 (table)	
7 = 2		22 = 12		37 D = 18 a	
8 = 1, 1		23 = 12, 1		38 a = 715	
9 = 3		24 = 12, 2		39 = 19; 715 (table)	
10 = 3		25 = 12, 2		39 b = 19, 1	
11 = 4		26 = 12, 3		39 c = 19, 2	
12 = 4		27 = 12, 1-2, <i>q.v.</i>		40 a = 19	
13 = 5		28 = 14, 1		40 b = 715	
14 a = 6		29 = 14, 2		40 c = 170 note 3	
14 b = 6, 3		29 D = 14, 2; 219		41 = 715	
14 c = 6, 1		note 1, <i>q.v.</i>		42 = 19 note 2	
14 d = 6, 2		30 = 15		43 = 20	
14 D d = 5 a		30 a = 15, 1		44 = 21	
15 = 716 note		30 D = 15 a		45 a, cf. 2 a	
16 = 7		31 = 14		45 b, cf. 14; 14, 1	
17 = 8		32 = 14, 2		46 } cf. 22 a; 24; 33	
17 a = 8, 2, and note		33 = 13		47 }	
17 b = 10		33 b = 13 note		47 D = 22 a	
17 D b = 8 a		33 D = 13 a		48 = 22	
18 = 9		34 = 16		49 = 23	
19 = 11		34 a = 204 note 2		49 D = 22 a	
20 = 11, 1		34 b = 6, 3		50 = 24	

HA	B	HA	B	HA	B
51 = 25		80 D = 44 a; 44, 2 a, <i>q.v.</i>		118 = 71 note	
52 = 26		81 = 44, 3		119 a = 71, 1	
53 = 27		82 = 44, 4		119 b = 71, 2	
54 = 28-30, <i>q.v.</i>		82 D = 44, 4 a		119 c = 71, 3	
54 D = 30 a		83 = 717, 2		119 d = 71, 4	
55 = 31-34, <i>q.v.</i>		84 D = 43 note 3		121 = 72	
56 = 34		85-6 = 48		122 = 73	
57 = 99		87 = 45		123 = 74	
60 = 105; 729 ( <i>βλίστω</i> )		88 a = 46		124 = 79	
60 D = 729 ( <i>βλώσκειω</i> )		88 c = 47		125 a = 78, 1	
61 = 35		89 = 49		125 b-c = 78, 2	
62 = 35		90 = 51		125 d-e = 78, 3	
62 D = 35 a		91 = 50		126 = 78 note	
63, cf. 137, 2		92 = 52; 53		128 = 77, 1	
64 = 38		92 a = 53		129 = 77, 2	
64 a = 38, 1		92 b = 53 note		130 = 73, 1	
64 D, cf. 729 ( <i>τέρπω</i> , <i>δέρκομαι</i> , <i>πέρθω</i> )		92 D a = 53 b		131 = 75	
65 = 39, 4		92 D c = 52 a		132 = 75	
66 = 39, 3		93 = 54		133 = 76	
67 = 39, 1		93 a = 54 note		134 = 80	
68 = 39, 2		93 D = 54 a; 53 a, <i>q.v.</i>		135 = 81	
69, cf. 287, 5 ( <i>πλούσιος</i> )		94, cf. 3; 52		137 = 83	
70 = 36		95 = 55		138 = 83	
71 = 37		96 = 56		138 D c = 83 a	
72 = 36 a		96 a = 57; 57, 1, <i>q.v.</i>		139 = 82	
72 D = 2 a		96 b = 57, 2; 57, 3, <i>q.v.</i>		140 = 83, 1	
73 = 40		97 = 56, 1.		141 = 84	
73 a = 178		99 = 59; 62, <i>q.v.</i>		141 D = 84 a	
73 b = 233		100 a = 58		142 D = 84 b	
73 c = 40		100 b = 60		143 = 84 note	
73 d, cf. 729 ( <i>ἀμπέχω</i> , <i>ἀμπίσχω</i> )		101 = 60; 61, <i>q.v.</i>		144 = 88	
73 e = 40		102 a-b = 63		144 D = 88 a	
73 D = 8 a		103 a = 92, 2		145 = 85; 88 ( <i>Ἐρμῆς</i> )	
74 = 41		103 b = 71 note		146 = 86	
74 a = 101		104 = 61 note		146 D = 83 a	
74 b = 134 ( <i>ταχύς</i> )		105 = 65; 65, 1; 65, 2, <i>q.v.</i>		147 = 87	
74 c = 729, <i>s.v.</i>		106 = 66 note		147 D = 85 a	
74 d = 729, <i>s.v.</i>		107 = 66		148 = 87 note	
74 D = 41		108 = 67		148 D = 87 a	
75 = 42		109-10 = 68		151 = 89	
75 D, cf. 2 a; 52 a		111 = 69		152, cf. 78, 2	
76 = 43		112 = 69, 1		153 = 90	
77 = 43		113 = 70		154, cf. 90 a	
77 a = 43 note 1		113 D = 139 a-b; 139 note		154 D a = 90 a	
78 = 43 note 2		1, 436 a; 441 c, <i>q.v.</i>		154 D f = 90 b	
79 = 44		114; 115 a = 70, 1		155, cf. Pref. p. 3	
80 a-c = 44, 1		115 b = 70, 2		156, cf. 90 c	
80 d-f = 44, 2		115 c = 70, 3		156 D = 90 c	
		116 = 71, 4		157 = 91	
		117 = 70, 4		158 a = 91, 2	



HA	B	HA	B	HA	B
158 b = 91, 3		194 = 108		216, 10 = 115, 12	
159 = 92		194 D = 108 a		216, 11 = 115, 13	
159 D = 92 a		195, cf. 106 c		216, 12 = 115, 14	
160 = 92, 2		196 = 109		216 D, 12 = 115, 14 a	
161 = 92, 3		196 D = 109 a		216, 13 = 115, 15	
162 a = 92, 2		197 = 112 ( $\pi\epsilon\iota\theta\acute{\omega}$ ); 113		216 D, 13 = 115, 15 a	
162 b = 92, 1		( $\eta\rho\omega\varsigma$ )		216, 14 = 115, 17	
163 = 93		198, cf. 113		216, 15 = 115, 18	
164 = 94		198 D = 113 a		216 D, 15 = 115, 18 a	
164 a-c = 94, 4		199 = 112		216, 16 = 115, 20	
164 d-f = 94, 3		199 D = 112 a		216, 17 = 115, 21	
164 g-k = 94, 2		200, see lexicon		216, 19 = 115, 25	
164 l = 94, 1		201 = 110		216 D, 19 = 115, 25 a	
165-6, cf. 78		201 D = 110 c		216, 20 = 115, 26	
167 = 95		201 D b = 110 a		216 D, 20 = 115, 26 a	
168 (1) = 96		201 D c = 110 b		216 D, 22-28, see lexicon	
168 (2) = 96, 1		201 D ( $\nu$ -stems) = 110 d-e		217 = 137, 2	
169 = 97		202 = 110, 4; 110 note,		217 D = 137, 2 a	
170 = 98		$q.v.$		218 = 137, 2	
170 a-b = 98, 1		203 = 110 note		219 = 137, 2	
171 D a = 99 b		203 b = 110, 2		219 D = 137, 2 a	
171 D b = 99 a		204 = 110, 2		220 = 76 note	
172 = 100		205 = 110		221 D = 76 c	
174 = 101		206 = 111		222 = 117	
174 a = 101, 1		206 D = 111 a-c, $q.v.$		222 a = 117, 1	
175, see lexicon		207, cf. 111 note		222 D a = 117, 1 a	
176 = 102		208 a = 111, 1		222 b = 117, 2	
176 D = 102 a		208 b = 111		222 c = 117, 3	
177 = 102, 1		208 c = 111 note		223 = 118	
178, see lexicon		208 d = 111, 2		224 = 118, 3	
179 = 97, 1		209 = 111		225 = 119	
180 = 115, 19		210 = 115, 16		226 = 119	
181 = 103 ( $\kappa\acute{\epsilon}\rho\alpha\varsigma$ 115, 10)		210 D = 115, 16 a		227 = 119, 1-2, $q.v.$	
182 = 103, 1		211 = 114, 1		228 = 122	
182 a, see lexicon		212 = 114, 1		228 a = 122, 1	
183 = 103, 2		213 = 114, 2		229 = 123, 1 and note	
183 D = 103, 2 a		213 D = 114, 2 a		230 = 120	
184 = 104		214 = 114, 3		231 b = 120, 3	
185 = 104 note		216, 1 = 115, 1		232 = 120, 2	
186-7, see lexicon		216 D, 1 = 115, 1 a		233 = 124	
188 = 105, 1-3, $q.v.$		216, 2 = 115, 2		234 = 120, 1	
188 D = 105 a		216, 3 = 115, 3		235 = 124 ( $\mu\acute{\epsilon}\lambda\alpha\varsigma$ ); 120	
188 D b = 105 a		216 D, 3 = 115, 3 a		( $\epsilon\upsilon\delta\alpha\lambda\mu\omega\nu$ )	
189 = 105		216, 4 = 115, 4		236 = 121	
190 = 106; 107, $q.v.$		216, 5 = 115, 6		236 a = 121, 1	
190 D = 106 a-c, $q.v.$		216 D, 5 = 115, 6 a		236 b (stem) = 121	
191 = 106 (neut.); 107		216, 6 = 115, 8		236 b (acc.) = 121, 2	
(m. and f.)		216 D, 6 = 115, 8 a		237 = 125 note 1	
192 = 106, 2		216, 8 = 115, 9		237 a = 125 note 2	
193 = 107, 1		216 D, 8 = 115, 9 a		238 = 125, 1	

HA	B	HA	B	HA	B
239 = 125, 3 ( $\pi\hat{\alpha}\nu$ ); 125, 2 (accent)		275 D = 149 a-b		309 = 163, 1	
240 = 125		276 = 151		310 = 169	
241-2 = 129		276 D = 151 a		311 = 170	
243 = 130		277 = 148		311 a-c = 168	
244 = 131		277 a = 148, 1		312-13 = 236	
244 a = 131 note		277 b = 148 note 1		314 = 237	
245-6 = 121 end		277 D = 148 a		315 = 238	
247 = 127		278 = 151		316 = 240	
247 a = 128		278 D = 151 b		317 = 242	
247 D = 127 a		279 = 148 note 2		318 = 244	
248 = 132		280 = 150		319 = 245	
249 = 132, 1		280 a = 150, 1		320 = 241	
250 = 132, 2		280 D = 150 a (Hm.); 150 b (Hdt.)		321 = 243	
251 = 133		281 = 151		322 = 246	
253 = 134		281 D = 151 a (Hm.); 151 b (Hdt.)		323 = 248	
253 D = 134 a		282-3 = 151		324 = 249	
254 = 136		284 = 151, 1		325 = 250	
256 = 135		285 = 151 note		326 = 239	
257 = 137		287, cf. 431, 4 [Hdt.]		327. cf. 240	
258 = 290 note (-a); 138, 2 ( $\mu\acute{\alpha}\lambda\alpha$ )		288 = 152; 152 a-b (Hm.)		328 = 247	
259 = 138		289 = 156		329 = 251	
260 = 138, 1		289 a = 156		330 = 252	
261 = 139		289 b = 156 note		331 = 253	
261 D = 139 a (Hm.); 139 b (Hdt.)		290 = 155		332 = 254	
261 D a = 139 note 1		290 a = 155, 1		333 = 255	
262 = 139 note		290 b-d = 155		334 = 256	
263 = 139, 1		290 D = 155 a (Hm.); 155 b (Hdt.)		335 = 257	
264 = 139 note 2		291 = 153		336 = 258 [729]	
265 = 140		292 = 154		337-352, cf. 187; 236; 353, cf. 157; 163	
265 D = 140 a		298 = 158		354 = 171	
266 = 141		298 a = 158, 2 (act.); 158, 3 (pass.)		354 D = 171	
266 D = 141 a		299 = 159		355 = 172	
267 = 140		299 a-b = 159, 1		355 a = 172, 1	
268 = 142		299 c = 159, 2		355 b = 729, s.v.	
269 = 143		300 = 161		355 D a = 172, 1 a	
269 D = 143 a		300 D = 548 a		355 D b = 729, s.v.	
270 = 144		301 = 161, 1		356 = 173	
271 = 145-6, q.v.		302 a = 158, 1		356 a = 173	
271 D = 146 a		302 b = 230		356 D = 171 b	
272 = 144 ( $\acute{\omicron}$ , $\acute{\eta}$ , $\tau\acute{\omicron}$ ); 145 ( $\delta\delta\epsilon$ , $\sigma\upsilon\tau\omicron\varsigma$ )		303 = 162		357 = 173, 1	
272 D = 144 a		304 a = 162, 1		357 a = 173, 1	
273, cf. 151		304 b-c = 162, 2		358 = 176	
273 D = 151 a		305 = 186		358 a = 729, s.v.	
274 = 147		306 = 166		358 b = 176 note	
275 = 149		307 = 163, cf. 165		358 D = 176 a	
275 b = 144 a		308 = 165		359 = 172, 2	
				359 a = 172, 2	
				359 b = 172 note 1	
				359 c = 172 note 2	

HA	B	HA	B	HA	B
359 d = 729, <i>s.v.</i>		383, 1 = 170 note 1		398 D = 195, 2 a	
359 D = 729, <i>s.v.</i>		383, 2 = 170 note 1		399 = 195, 3	
360 = 174		383, 3 = 170 note 2		399 a = 729, <i>s.v.</i>	
361 = 174, 1		383, 4 = 170 note 3		399 D = 729, <i>s.v.</i>	
361 a = 175 note		383, 5 = 167		400 = 195, 4	
362 = 175		383, 6 = 129, 1		401 = 195, 4 note	
362 a = 175, 1		383 D 1 = 170 a		401 D = 729, <i>s.v.</i>	
362 b-c = 729, <i>s.v.</i>		383 D 4 = 170 c		402 = 196	
363 = 177		383 D 5 = 167 e		402 a = 196, 1	
363 D = 729, <i>s.v.</i>		384 = 170 note 3		402 b = 196, 2	
364 = 178		385 = 170		402 c = 196, 2	
365 = 178, 1		385, 1 = 170 note 1		402 c Rem. = 196, 2	
365 a = 178 note		385, 2 = 167		402 d = 196, 4	
365 b = 729, <i>s.v.</i>		385, 3 = 170 note 2		402 e = 196, 5; 196 note	
365 D = 729, <i>s.v.</i>		385, 4 = 170 note 3		(-ννν-)	
366 = 178, 2		385, 5 = 167		402 f = 196, 3	
367 = 178, 3		385, 6 = 129, 1		403 = 197	
368 = 179		385, 7 = 167 note 3		403 b = 197, 1	
368 D = 179 a		386 = 184		403 c = 729, <i>s.v.</i>	
369 = 180		387 a = 241 note		404 = 193	
369 D = 729, <i>s.v.</i>		387 b = 210 note		405 = 190	
370 = 181		388 = 200, 1		406 = 198	
371 = 182; 729 (πίμπλημι, πίμπρημι)		389 = 185		407 = 170 note 1	
372 a = 169		389 a = 241 note		408 = 160	
373 = 160		389 b = 244 note		409 = 199	
373 D = 160 a		389 c = 240 note		409 D a = 199 b	
374 = 160		389 d = 185, 1		409 D b = 199 a; 292, 2 a	
374 a-b = 160, 1		389 e = 242 note (perf.);		(-είω)	
374 D = 160 note		245 note (aor. pass.);		409 D c = 199 c	
375 = 166, 1		252-254 notes (-μ		409 D d = 199 e	
375 a = 166		verbs)		409 D e = 199 e	
376 = 167		389 D, a-b = 729, <i>s.v.</i>		409 D f = 199 e	
376 D a, cf. 170 note 4		390 = 240		410 a = 199, 1	
376 D b = 167 b		391 = 184, 1		410 b = 19	
376 D c = 167 note 2		392 = 192		410 D = 199 note	
376 D d = 167 d		393 = 193		411 = 199, 2 and note	
376 D e = 167 d		393 a = 193, 1 and 729, <i>s.v.</i> ,		(δέω)	
377 = 167		<i>q.v.</i>		412 = 199, 3	
377 D = 167 a		393 b = 193, 3		412 a-b = 729, <i>s.v.</i>	
378 = 167 note 1		393 D = 729, <i>s.v.</i>		412 D = 729, <i>s.v.</i>	
379 = 166, 3 (subj.) ; 166, 4		394 = 193, 1; 193, 2, <i>q.v.</i>		412 D c = 199 d	
(opt.)		394 a = 193 note		413 = 200	
379 a = 170 note 2		395 = 194		414 = 200	
380 = 167		395 a = 194		414 D = 200 a	
380 a = 167 note 4		396 = 195		415 = 253	
381 = 167		397 = 195, 1		415 D a = 200 b	
381 D = 167 e		397 a-b = 729, <i>s.v.</i>		415 D b = 200 c	
382 = 167		398 = 195, 2		415 D c = 200 c	
383 = 169		398 b = 195 note 1		416 = 170 note 3	
		398 c = 729, <i>s.v.</i>		417 = 200, 1	

HA	B	HA	B	HA	B
417 a = 200 note		439 = 209		463 b = 247, 1 ( $\mu\mu$ ); 247, 2 ( $\gamma\gamma$ )	
418 b = 200, 1 and note		440 = 211		463 c = 729, <i>s.v.</i>	
419 a = 170, 4		440 D = 207 a; 729, <i>s.v.</i> , <i>q.v.</i>		464 = 226	
419 b = 254		441 = 170 note 3		<del>464 a = 226 a</del>	
419 c = 170, 4		443 = 211, 3		464 D a = 226 a	
419 D a = 170, 4 a		444 = 211, 1		465 = 227	
419 D b = 729, <i>s.v.</i>		444 a = 211 note		465 a = 227 note	
420 = 212		444 D = 211, 1 a (Hm.); 211, 1 b (Hdt.)		465 D = 729, <i>s.v.</i>	
420 D = 212; cf. 201 a		445 = 211, 2		466 = 228	
421 a-b = 212; cf. 201		445 a = 211 note		466 a = 228	
421 c = 212; cf. 201, 1		445 b = 255		466 b = 229; 538 note, <i>q.v.</i>	
421 D a = 195, 2 a		445 D = 211, 2 a		467 = 230	
422 = 213		446 = 218		467 a = 230	
422 a = 213 note		446 D = 218 a		468 = 231 (1st); 232 (2d)	
422 b = 729, <i>s.v.</i>		447 a = 218, 1		469 = 231, 2-4 <i>q.v.</i>	
422 D b = 213 a		447 b = 218, 2		469 a = 729, <i>s.v.</i>	
423 = 212, 1		448 a = 218, 4		469 D = 729, <i>s.v.</i>	
424 = 212, 1		448 b = 218, 1		470 = 231, 1	
424 D = 199 b		448 c = 218, 3		471 = 232, 2	
425 = 215		449 = 222		471 a = 729, <i>s.v.</i>	
426 = 214		450 = 219		472, cf. 162, 1	
426 D = 214		450 a = 219; 729, <i>s.v.</i>		472 a = 729, <i>s.v.</i>	
427 = 216		451 a = 219, 3		473 = 233	
427 D = 729, <i>s.v.</i>		451 b = 219, 3; 219, 2, <i>q.v.</i>		473 a = 233, 1 (subj.); 233, 2 (opt.); 233, 3 (impr.)	
428 = 201		451 c = 219, 2		473 D = 233 a	
428 D a = 201 a		451 d = 219 note 2		473 D a = 233, 1 a	
428 D b = 201 b		451 e = 729, <i>s.v.</i>		474 = 234	
429 = 203; 202; 201, 1, <i>q.v.</i>		451 D c = 219 a		475 = 235	
430 = 207 note 1		452 = 219, 1		476 = 260	
430 D = 729, <i>s.v.</i>		452 a = 729 <i>s.v.</i>		476 D = 260 a	
431 = 204		452 D = 219, 1 a		477 = 261	
431 a = 204 note 2		453 = 222		477 a = 261, 2	
431 b = 204 note 2; cf. 729		454 = 220		477 c = 261, 1	
431 c = 729, <i>s.v.</i>		455 = 221		477 D = 261 a (Hm.); 261 b (Hdt.)	
431 D c = 204 a; cf. 729, <i>s.v.</i>		455 a = 221 note		478 = 262	
432 = 205		455 b = 729, <i>s.v.</i>		478 D = 262 a (Hm.); 262 b (Hdt.)	
433 = 206		455 D b = 729, <i>s.v.</i>		479 = 262 note	
433 a = 206 note		456 = 221, 2		480 = 262, 1	
433 D b = 160 a		457 = 212-3		480 a = 262, 1 note	
434 = 240		458 = 223		481 = 263	
435 = 207		458 D = 222 a; 729, <i>s.v.</i>		481 a = 263, 1	
435 a = 208		459 = 224		481 D = 263 a	
435 b = 241; 210 note		460 = 224, 1		482 = 264	
435 D = 729, <i>s.v.</i>		460 a = 224 note		482 a-b = 264	
436 = 208, 1		461 = 189; 225, 2, <i>q.v.</i>		482 D = 264 a (Hm.); 264 b (Hdt.)	
436 a = 208, 1		461 a = 189			
436 D = 208, 1 a		462 = 225			
437 = 208		463 = 225			
437 D = 729, <i>s.v.</i>		463 a = 247			
438 = 729, <i>s.v.</i>					

HA	B	HA	B	HA	B
483 = 265		553, 1 = 280, 1		577 = 294, 1	
483 D = 265 a		553, 2 = 277, 3		578, cf. 294, 1	
484 = 265, 1		554 = 281		579 = 295 note	
484 a = 265, 1		556, 1 = 282, 3		580 = 298	
485 = 266		556, 2 = 282, 4		580 a = 298 a	
486 = 267		556, 3 = 282, 1 (-iā-); 282,		581 = 298 note	
486 D = 729, <i>s.v.</i>		2 (-iā-)		582 = 294	
487 = 729, <i>s.v.</i>		557, 1 = 278, 1		582 a = 294	
488-9 = 729, <i>s.v.</i>		557, 1 b = 282, 2		582 b = 294, 1	
489 D = 729, <i>s.v.</i>		557, 2 = 278, 4		582 c = 300 note	
490 = 258; 729, <i>s.v.</i>		558, 1-2 = 283, 1		583 = 269 note	
490 D = 729, <i>s.v.</i>		558, 3 = 283, 2		584-8 = 300	
491 = 259		559 = 285		589 = 299, 1	
491 D = 259 b (Hm.); 259		560, 1 = 286, 1		590 = 299, 3	
c (Hdt.); 259 a, <i>q.v.</i>		560, 2 = 286, 2		591 = 301	
492 = 729 <i>s.v.</i>		560, 3 = 286, 1 (-iδ-); 286,		592 = 304; 306	
492 D = 729, <i>s.v.</i>		2 (-iδ-)		593 = 311	
493 = 191 b		561, 1 = 284, 1		593 a = 493	
494 = 191 a		561, 2 = 284, 2		594 a = 302	
495 = 507		562, 1 = 287, 1		594 b = 302	
496 = 515, 1		562, 2 = 287, 2		595 a = 317	
496 D = 515, 1 a		562, 3 = 287, 3		595 b = 320	
497 = 158, 3		564 = 287, 5		596 = 307	
498 = 514		564 a = 287, 5		597, cf. 459	
499 = 510		565 = 287, 6		598 = 460	
499 a = 510 note		566 = 288, 1 (-eo-); 288, 2		599, cf. 482	
500 = 494; 494, 3		(-ivo-)		600 = 302, 1; 304, <i>q.v.</i>	
501 = 494, 2		567 = 289		601 = 325	
502-539 = 729, <i>s.v.</i>		568, cf. 132		602 a-d = 305	
540 = 268		569, 3 = 287, 5		602 Rem. = 305 note	
541 = 269		569, 4 = 287, 7		603 = 495	
542 = 268, 1		569, 5 = 287, 8		604 = 498	
542 a = 271		569, 6 = 287, 9		604 a = 498 note	
543 = 270		570 = 292		605, cf. 496, 1	
543 b = 270 note		571, 1 = 292, 1		606 = 496 (pl.); 497 (pers.)	
544 a-c = 272		571, 2 = 292, 3		606 a = 496	
545 a = 273		571, 3 = 292, 2		607 = 496, 1	
545 b = 274		571, 4 = 292, 4		608, cf. 496	
545 c = 274		571, 5 = 292, 5		609 = 500	
545 d = 273		571, 6 = 292, 5		609 a = 500	
547 = 276		571, 7 = 292, 8		610 = 501	
548 = 277, 1 (-o-); 277, 2		571, 8 = 292, 9		611 = 308	
(-ā-)		571, 9 = 292, 7-8, <i>q.v.</i>		611 a = 308; 663 note, <i>q.v.</i>	
548 a = 277, 1 (-o-); 277, 2		572, cf. 292		611 b = 308 note	
(-ā-)		573 = 293		612 = 308	
550 = 278, 2-4; 282, <i>q.v.</i>		575 = 295		612 a = 312 note	
551, 1 = 279, 1 (-i-); 279, 2		575 a = 295, 1-2, <i>q.v.</i>		613 = 312, 1	
(-i-) 279, 3 (-iā-)		575 b = 295, 2		614 = 320 (subst.); 420	
551, 2 = 280, 2		575 c = 297		(adj.)	
552 = 282, 1		576 = 294, 1		614 a = 320	

HA	B	HA	B	HA	B
615 = 421		649 a = 426, 1		681 c = 475 note	
615, 1-3 = 422		649 b = 426, 1		682 = 475, 3	
616 = 421		650 = 427		683 = 470	
617 = 428		650 b = 427, 1		683 a = 471	
618 = 453, 1		651 = 428		683 b = 470	
619 = 425		651 a = 428 note		684 = 472	
620 = 420		652 = 427 note		684 a = 471, 1	
621 a-d = 424		653 = 443		684 b = 472; cf. 630 note	
622 = 424		654 = 443, 1		<i>q.v.</i>	
623 = 317		654 a, cf. 491 note 1		685 = 472	
623 a = 317		655 a = 443, 3		685 a = 139, 2	
623 b = 317		655 b = 443, 2		685 b = 139, 2	
624 d = 319		655 d = 442, 4		686 a = 471 note 1; 144	
625 b = 317 a		656 = 444		(Hm.)	
625 c = 335 a		657 = 444; 445, <i>q.v.</i>		686 b = 471 note 2	
626 = 318		658 = 447		687 = 475, 2	
627 = 483		659 = 448		687 a = 475 note	
627 a = 314 note		663 = 446		687 b, cf. 479	
628 = 463		664 = 444		687 c = 470 a	
629 = 464, 1		665 = 444		688 = 473	
629 a = 464, 1		666 = 450		689 = 477	
629 b = 464, 1		666 a = 451		690 = 477	
630 = 464		666 b-c = 451, 1; 452 note,		690 a = 477 a	
631 = 465		<i>q.v.</i>		691 = 477 note	
632 = 480		667 = 452		692 = 478	
632 a = 465		668 = 452		692, 1 = 478	
633 = 315		668 a = 452		692, 2 = 479	
633 a = 321		669 = 449		692, 3 = 478	
633 b = 420 note		669 a = 449		692, 3 a = 478	
633 c = 315; 461, <i>q.v.</i>		670 = 453		692, 3 b = 478	
634 = 499		670 a = 453, 1		695 = 481	
635 a, cf. 665		671 = 454		696 = 482	
637 = 495 note		672 = 455; 455, 1, <i>q.v.</i>		699 = 488	
637 a, cf. 495 note		673 = 456		700 = 490	
637 b = 423 note		673 a = 456		701 = 491	
639, cf. 422		673 b = 457, 1		702 = 491 note 1	
641 = 429		673 c = 458		702 a = 491 note 1	
641 a = 429, 1		674 = 456 note		702 b = 491 note 1	
642 = 426, 1		675 = 445		703 = 491 note 2	
643 = 426, 2		676 = 444		704 = 492 note 1	
643 a = 426 note 1		677 = 467		704 a = 492 note 3	
643 b = 426 note 2		677 a = 468		705 = 492 note 2	
643 c = 426 note 2, cf. 717, 4		678 = 475		706 a = 325	
644 = 426 note 6		679 = 475, 1		706 b = 326	
644 a = 426 note 6		679 a = 475, 1 a		707 = 326 note	
645 = 426 note 3		680, 1 = 475, 2		707 a = 326 note	
646 = 426 note 5		680, 2 = 475 note		707 b = 326 note	
647 = 426 note 4		680, 3 = 475 note		709 = 327	
648 = 426 note 5		681 = 475 note		710 = 328	
649 = 426, 1		681 b = 475 note 1		711 = 329	

HA	B	HA	B	HA	B
712 = 329, 1		737 = 356		762 = 373	
712 a = 329, 2		738 = 356		763 = 375	
712 b, cf. 493, 1		738 a = 356 note 1		764, 1 = 375	
712 c = 493, 2		738 b = 356 note 2		764, 1 a = 515, 3 note	
713 = 330		739 = 356		764, 2 = 376	
714, cf. 333		740 = 356		765 = 376; 376 note, <i>q.v.</i>	
714 b = 333		741 = 356		765 a = 393	
715 = 331		742 = 356		766 = 374; 377, <i>q.v.</i>	
715 a = 331		742 a, see lexicon		767 = 378	
715 b = 333		742 b = 356 note 1		767 a = 377 note 1; 378,	
716 = 334		742 c, cf. 324		<i>q.v.</i>	
716 a = 333		743 = 356; 362, 2, <i>q.v.</i>		768 = 379	
716 b = 334		743 b, cf. 642 note		768 a = 377 note 1	
717 = 332		744 = 366		768 b = 393	
718 = 332; 335; 337, <i>q.v.</i>		745 = 367		769 = 380	
719 a-c = 336; cf. 334		745 a = 367		769 a-b = 380	
720 = 338		745 b = 367 note		770 = 381	
721, cf. 338 note		746 = 353		771 = 382	
722 = 339		746 b = 367 note		771 a-b = 382	
722 a = 418		747 = 361		772 = 392, 1	
723 = 344		748 = 362, 1		772 a = 392, 1	
724 = 340		748 a = 362 note		772 b = 392, 2	
724 a = 340, 1		748 b = 362 a		772 c = 392, 3	
725 a-c = 340		749 = 364		773 = 392, 2; 392, 1(ἐοικα)	
726 = 341		750 = 365		773 a = 392, 2	
726 a = 449 note		751 = 370		773 b = 717, 4	
726 b = 341, 1		752 = 370		774 = 392	
727 = 347		753 a = 357		774 a = 392 note	
728 = 348		753 b = 357, cf. 351		775 = 394	
729 a = 348		753 c = 357; 362, 2, <i>q.v.</i>		775 a = 398 note 2	
729 b = 349		753 d = 357		775 b = 394 note	
729 c = 350		753 e = 367		776 = 387 (means); 391	
729 d = 352; 352 note, <i>q.v.</i>		753 f = 353, 1		(cause); 389 (manner)	
729 e = 355		753 g = 362, 2		777 = 387 note	
729 f = 352; 352 note, <i>q.v.</i>		754 a = 351		777 a = 320; 334, <i>q.v.</i>	
729 g = 352		754 b = 351		778 = 391	
730 a-b = 348 note		754 c = 348, 2		779 a = 389	
730 c = 355		754 d = 351, cf. 424		779 b = 389	
730 d = 355 note		754 e = 351		779 c = 387	
730 e, cf. 316		754 f = 358 b		780 = 390	
731 = 368		755 = 363		781 = 388	
732 = 348, 1; 352, 1; 355		755 b = 355, 1		781 a-b = 388	
2, <i>q.v.</i>		756 = 355, 1; 357; 362, 3;		782 = 385	
732 c = 348, 1		363, <i>q.v.</i>		782 a = 385	
732 d = 352, 1		757 = 360; 362, 3, <i>q.v.</i>		783 = 384	
733 a = 356		758 = 362, 3; 418, <i>q.v.</i>		783 a = 384 a	
734 = 304; 354		759 = 359		783 b = 384	
735 = 356		760 = 358 a		783 c = 383	
736 = 356		760 a = 358		784 = 398	
736 a = 356		761 = 366 note		784 a = 418	



HA	B	HA	B	HA	B
785 = 398 a		812-14 = 504		847 = 534	
785 a = 68		814 a = 506		848 = 537	
786 = 298 a		815 = 505		849 = 535	
787 = 346; 371; 395, <i>q.v.</i>		816 = 506		849 a = 534	
787 a = 346		817 = 508		849 b-c = 535	
788 = 398 note 3		818 = 509		850 = 538	
788 a-c = 398 note 3		818 a = 511; 516, <i>q.v.</i>		858 a = 538 note	
789 = 399		819 a = 515, 2		851 = 539	
791, 1 = 400, 1		819 b = 515, 3		852 = 551	
791, 2 = 400 a		819 c = 512 note		853 = 551	
791, 3 = 400, 2		819 d = 510		853 a = 551	
792, 1 = 401 a		819 Rem. = 305 note		854 = 551	
792, 2 = 401		820 = 513		855 = 551	
793 = 402		821 = 539		855 a = 548	
794 = 403		822 = 539; 519 note 2, <i>q.v.</i>		856 = 542 (pres.): 545	
795, 1 = 404, 1		822 b = 528		(aor.); 547 (perf.): 550	
795, 2 = 404, 2		822 c = 519 note 2		(fut.)	
796 = 405		823 = 519; 519 note 2, <i>q.v.</i>		856 a = 542, 1	
796 note = 405 a		824 = 520		856 b = 543	
797 = 406		824 a = 520, 1		857, 1 = 437	
797 note = 406 a		824 b = 518		857, 2 = 438	
798 = 407		825 = 523		857 a = 436	
799, 1 = 408, 1		826 = 522		858 = 437; 565, <i>q.v.</i>	
799, 2 = 408, 2		827 = 521; 521 note, <i>q.v.</i>		858 a = 563 a	
799, 3 = 408, 3		828 = 525		859 = 437; 563, <i>q.v.</i>	
800, 1 = 409, 1		828 a = 524		859 a = 563 a	
800, 2 = 409, 2		829 = 526		860 = 438; 438 note, <i>q.v.</i>	
801, 1 = 410, 1		829 a = 519 note 1		861 = 439; cf. 437 note	
801, 2 = 410 a		831 = 526		862 = 439 note 1	
801, 3 = 410, 2		832 = 527		863 = 439 note 3	
802, 1 = 411, 1		833 = 527 note		864 = 439 note 2	
802, 2 = 411, 2		834 = 567		865 = 553	
802, 3 = 411, 3		834 a = 566		866, 1 = 585	
803, 1 = 412, 1		835 = 568		866 a = 585	
803, 2 = 412, 2		835 a = 568		866, 2 = 584	
803, 3 = 412, 3		835 b = 568 note		866, 3 = 577	
804 = 413		836 = 528		866 b = 577	
805, 1 = 414, 1		837 = 528, 1		867 = 569, 1	
805, 2 = 414, 2		839 = 529 note		868 = 562 a; 563 a (κε)	
805, 3 = 414, 3		840 = 530		869 = 558	
806 = 415		840 a = 530 a		870 = 587	
807, 1 = 416, 1		841 = 529		870 a = 587	
807, 2 = 416, 2		841 a-b = 529		870 b = 587	
808, 1 = 417, 1		842 = 529 note		870 c = 586 a	
808, 2 = 417, 2		843 = 532		870 d = 588 a	
808, 3 = 417, 3		843 a = 519 note 2		870 e = 587 note 2	
809 = 503		844 = 583 note 1		871 = 588	
810 = 493, 1		845 = 563 a		871 a = 588	
810 a = 493 note		846 = 533		872 = 563	
811 = 504		846 a = 533, 1		872 a = 605	

HA	B	HA	B	HA	B
872 b = 563 note		898 = 604		927 a = 595	
872 c = 563 note; 565 a,		898 a = 604 note		928 = 668	
<i>q.v.</i>		898 b = 604 a		929 = 669	
872 d = 583 note 1		898 c = 519 note 1; 544, <i>q.v.</i>		930 = 669, 1-3, <i>q.v.</i>	
872 e = 563 b		899 = 602		931 = 670, 1-2	
873 = 560		900 = 605		932, 1 = 672	
874 = 584		900 a = 612 note		932, 2 = 673	
874 a = 584		900 b = 605 a		933 = 674	
874 b = 584 note		900 c = 606 b		933 a = 675, 1	
876 = 313		901 a = 612, 1		934 = 670, 2	
876 a = 312		901 b = 612, 2		935 a = 675, 2	
877 = 313 note		902 = 614		935 b = 675, 1	
878 = 717, 18		903 = 587 note 1; 588 note,		935 c = 675, 3	
879 = 600		<i>q.v.</i>		936 = 676	
881 = 590		904, cf. 587; 588		937 = 677	
881 a = 677		905 = 615		937 a = 677	
881 b = 590 note 1		905, 1 = 616, 1		938 = 628	
881 c = 590 note 3		905, 2 = 616, 2		939 = 629	
882 = 590 note 2		905, 3 = 616, 4		939 a = 637	
883 = 717, 6		906 = 616, 3		940 = 630	
884 = 590 note 4		906 a-b = 616, 3		940 a = 631	
885 = 593		907 = 613		940 b = 630 note (cf. 475	
885 a = 593		908 = 618		note)	
885 b = 593, 1		909 = 619		941 = 631; 631, 1 (acc.)	
885 c = 593 a		910 = 619 note		942 = 629 note	
886 = 583 note 3		911 = 591		943 = 632 note	
887 = 594		912 = 620		944 = 634	
887 a = 594 note		913 = 620		945 = 635	
887 b = 594 note		914 A = 621		946 = 646	
887 c = 593 note		914 B = 625		946 a = 637, 1	
888 = 594, 1		914 a = 625 a		946 b = 669; 669 note	
889 = 600		914 c = 624		(είπον w. infin.)	
890 = 601		915 = 622		947 = 671 note	
891 = 611		916 = 623		948 = 638	
892 = 602		917 = 624		948 a = 549, 2	
893 = 602		919 a-b = 316		949 = 637; 637, 1, <i>q.v.</i>	
893 a = 602, 1		920 = 626		950 = 637	
893 b = 602 note 1		921 = 626		957 = 592	
893 c = 602 note 2		921 a = 623 a		952 = 641	
894 = 608		921 b = 316		952 a = 641 note	
894, 1 = 609		921 Rem. = 626		953 = 595	
894, 2 = 610		922 = 619		953 a = 595 note	
894 a = 610 note 1		923 = 625		953 b = 596	
894 b = 609 a		924 = 627		954 = 645 note	
894 c = 602		924 a = 627		955 = 627	
895 = 606		925 = 598		955 a = 627 a; 627 note, <i>q.v.</i>	
895 a-b = 606		925 a = 598		955 b = 627 note	
896 = 606 b		925 b = 598 note		956 = 642; 642, 1, <i>q.v.</i>	
897 = 607		926 = 598, 1		956 a = 642, 1	
897 a = 567 note		927 = 595		957 = 583 note 2	

HA	B	HA	B	HA	B
957 a = 587 note 3		985 = 653, 3		1018 = 431; 431, 4 (com-	
958 = 636		986 = 660, 1 note; 661 note		pounds)	
959 = 636 (cf. ff. §§)		3, <i>q.v.</i>		1019 = 431, 1	
960 = 352, 1 note		987 = 662		1019 a = 562 a	
961 = 642		988 = 663		1020 = 431, 1	
962 = 644		989 = 664		1021 = 431, 1	
963 = 643		990 = 665		1021 a-c = 431, 1	
964 = 647		990 a = 665 note		1022 = 431, 2	
965 = 650		991 = 666		1022 a = 670, 3	
966 = 650, 1		991 a = 666 note		1023 = 431, 1	
966 a = 650 note 1		992 = 509, 1		1023 a-b = 431 note	
967 = 651		993 = 483		1024 = 431, 2; 431 note;	
968 = 652		994 = 484		549 note, <i>q.v.</i>	
968 a = 653 note 2		995 = 485		1025 = 431, 1	
968 b = 653 note 3		995 a = 485		1025 a = 431, 1	
968 c = 653 note 4		996 = 486		1026 = 431, 1	
969 = 653		996 a = 486		1027 = 431 note	
969 a = 653, 2 (means);		997 a = 486		1028 = 431, 3	
653, 3 (manner)		998 = 486 note		1029 = 434	
969 b = 653, 4		998 a-c = 486 note		1029 a = 434	
969 c = 653, 5		999 = 486		1030 = 433	
969 d = 653, 6		999 a = 441 a		1031 = 433	
969 e = 653, 7		1000, cf. 441 a; 641		1032 = 569, 2	
969 Rem. = 653 note 1		1001 a = 488 note		1032 a = 569, 2; cf. 583	
970 = 657		1002 = 485 note 2		note 1	
971 = 657, 1		1002 a-b = 485 note 2		1033 = 432	
971 a-c = 657, 1		1003 = 484, 2		1034 = 434	
972 a = 657 note 1		1003 a-b = 485 note 1		1034 a = 435	
972 d = 657 note 2		1004, cf. 316		1034 b = 435	
973 = 658		1005 = 487		1035 = 442 note	
973 a, cf. 343 note		1006 = 308		1035 b, cf. 625 note	
974 = 658 note		1007 = 487 note		1035 c = 717, 6	
974 a = 658 note		1008, cf. 316		1036, cf. 452 note	
975 = 654		1009, cf. 318		1037, see lexicon	
976 = 655		1010 = 570		1038 = 440	
976 a = 655		1011 = 575		1039 = 717, 3	
976 b = 655		1011 a = 580		1040 = 441	
977 = 656, 1		1012 = 575 note 1		1041 = 441 a	
978 = 656, 3		1012 a, cf. 453, 1		1042 = 441 note 1	
978 a = 656 note		1013 = 575 note 2		1042, a-c = 441 note 1	
979 = 656, 2		1014 = 490		1043-6 = 441, see also	
979 a = 656, 2 a		1015 = 571, 1		lexicon	
979 b = 655, 1		1015 a = 571		1047 = 441; 441 b, see also	
980 = 659		1015 b = 573 note		lexicon	
981 = 660		1016 = 578		1048 = 441	
981 a = 536, 2		1016 a = 579 a		1049-50 = 442	
982 = 661		1016 c = 613		1050 a-f = 441 note 2	
982 a = 661 note 2		1017 = 574		1052-1056 = 442, see also	
983 = 660; 660, 1, <i>q.v.</i>		1017 a = 574		lexicon	
984 = 660 note		1017 b = 574 a		1057 = 717, 6	

HA	B	HA	B	HA	B
1058 = 717, 4		1076 = 682, 3		1100 = 701	
1059 = 717, 19		1077 = 689		1101 = 702	
1061 = 717, 17		1077 a = 689, 1		1102 = 709, 1	
1062 = 717, 9		1079 = 706		1103 = 703	
1063 = 717, 1		1079 Rem. = 706 note		1104 = 703, 1	
1064 = 680		1080 = 685		1105 = 703, 2	
1065 = 691		1081 = 690		1106 = 709, 2	
1066 = 681; 679, <i>q.v.</i>		1082 = 694		1107 = 704	
1066 a = 679		1083 = 695		1108 = 707, 1	
1067 = 682, 1 (∪); 682, 2		1084, cf. 698 note		1109 = 707 note 1	
(—); 682, 3(⊔); 682,		1085 = 707, 2		1110 = 707	
4 (⊔)		1086 = 708		1111-14 = 708, 1-5	
1068 = 683		1087 = 696		1115 = 708, 6	
1068 a = 683, 1		1088 = 697		1117 = 709	
1069 = 682, 6		1089 = 697, cf. 698		1118 = 707, 1; 708, <i>q.v.</i>	
1070 = 682, 5		1091 = 698		1119 = 714	
1071 = 684		1092 = 698		1120 = 710	
1072 = 686, 1		1093 = 698		1121 = 711	
1073 = 686, 1; 693, <i>q.v.</i>		1094 = 698 note		1121 a = 711 note	
1073 a = 686, 2		1095 = 699		1122-4 = 711	
1074 = 688		1096 = 707, 2		1125-6 = 712	
1074 a = 688, 1		1097 = 708		1127 = 713	
1074 b = 692		1098 = 699, 1		verb list = 729	
1075 = 687; cf. 686		1099 = 700			

# PARALLEL REFERENCES

TO THE GREEK GRAMMARS OF

## GOODWIN AND BABBITT

NOTE.—In compiling the following list the sign of equality (=) is used to indicate that the substance of the reference to Goodwin is included in the corresponding reference or references to Babbitt. In case it is necessary to give two different references the content is indicated when possible; otherwise the letters *q.v.* are appended. When the correspondence is very remote the letters *cf.* have been used. It is extremely difficult to make such a list exact, and the publishers will be grateful for corrections or additions.

G	B	G	B	G	B
1 = 1		28, 2 = 6		42-3 = 43	
2 = 1, 2		28, 3 = 11		43, 1-2 = 43 note 1	
3 = 2		29 = 13		44-6 = 43	
4 = 1, 1		30, 1 = 16		47, 1 = 19 note 2	
5 = 3		30, 2 = 204 note 2		47, 2 = 43 note 2	
6 = 4		31 = 14, 2; 13, 1, <i>q.v.</i>		48 = 44	
7 = 5		32 = 14, 1		49 = 44, 1	
8 = 6, 3		33 = 17		50 = 44, 2	
9 = 7		34 = 42		51 = 44 a	
10 = 5, 1		35 = 18		53 = 43 note 3	
11 = 8		36 = 18		54 = 44, 4	
12 = 8, 2; 8, 2 note, <i>q.v.</i>		37 = 18, 1		55 = 717, 2	
14 = 10		38, 1 = 18, 2; 18, 3 (εε, οο)		56-61 = 45	
15 = 9		38, 2 = 18, 4; 18, 5 (εο, οε)		62 = 46	
16 = 12		38, 3 = 18, 6		63 = 47	
17 = 11, 1		38, 4 = 19, 1; 19, <i>q.v.</i>		64, 1 = 38	
18 = 12, 3		39, 1 = 88; 91, 1 (subst.);		64, 2 = 38, 1	
19 = 12		118, 1 (adj.), <i>q.v.</i>		65 = 14	
20 = 12, 1		39, 2 = 106, 2; 120, 3, <i>q.v.</i>		66, cf. 729, <i>s.v.</i>	
21-4 = 12, 2		39, 3 = 170 note 3		67 = 105	
25 = 48		39, 4 = 19, 1		68 = 22	
26 = 48 note		39, 5 = 19		69 = 23	
27, cf. Intd. p. 11		40 = 110 a; 110 c, <i>q.v.</i>		71 = 25; 26, <i>q.v.</i>	
28, 1 = 4		41 = 715		73, cf. 218, 1	

G	B	G	B	G	B
74 = 28 (lab.); 29 (pal.);		107, 1 = 55		143, 1 = 70, 2	
30 (ling.)		107, 2 = 56, 2; 56, <i>q.v.</i>		143, 2 = 71, 4	
75 = 27, 1 ( $\pi$ ); 27, 2 ( $\kappa$ )		108 = 67		143, 3 = 70, 1	
77 = 247, 2 ( $\gamma\gamma\mu$ ); 247,		109 = 57, 1		143, 4 = 70, 3	
1 ( $\mu\mu\mu$ )		110, 1-3 = 62		144 = 71	
78, 1 = 31 ( $\pi$ ); 32 ( $\kappa$ )		110, 4 = 64		144, 1 = 71, 1-2, <i>q.v.</i>	
78, 2 = 33		111 = 59; 60, <i>q.v.</i>		144, 2 = 71, 3	
78, 3 = 34		112 = 61		144, 3 = 139, 1	
79 = 34		113 = 63		144, 4 = 139, 2	
80 = 99		114 = 92, 2; 110 note, <i>q.v.</i>		144, 5 = 262, 1	
83 = 247		115 = 67		145 = 70, 4	
84 = 39		116 = 68		146 = 71 note	
84, 1 = 39, 1; 125 note 1		117 = 65; 65, 1-2, <i>q.v.</i>		147 = 15 a	
( $-\epsilon\sigma\sigma\alpha$ ).		118 = 65		148, cf. 13 a	
84, 2 = 125 note 1		119 = 66 note		149 = 18 a	
84, 3 = 39, 2		120 = 66		150 = 72	
84, 4 = 39, 3		121 = 77		151 = 73; 73, 2, <i>q.v.</i>	
84, 5 = 39, 4		122 a = 91		152 = 73, 1	
84, 6 = 39, 4		122 b = 121, 1		153 = 270 note; 271, <i>q.v.</i>	
85 = 2 a; cf. 36 a		122 c = 107; 120, 2, <i>q.v.</i>		154 = 73, 1	
86 = 36		122 d = 105, 2; 104 note,		155-6 = 74	
87 = 36 a		<i>q.v.</i>		157 = 78; 79 ( $\acute{o}$ , $\acute{\eta}$ , $\tau\acute{o}$ )	
88, 1 = 37		123 = 77, 2		158 = 78 note	
88, 2 = 170 note 3		124 = 84		159 = 78	
89 = 204 note 1		125 = 92, 1		160 = 74	
90, 1 = 172, 2		126, see lexicon		161, 1 = 74 note 2	
90, 2 = 193 note		127 = 100		161, 2 = 74 note 3	
90, 3 = 111		128 = 100 note		161, 3 = 74 note 1	
91 = 2 a		129 = 148 ( $\tau\acute{\iota}s$ ); 129, 3		162, cf. 323	
92 = 44, 4		(part.)		164-5 = 75	
93 = 43		130 = 184		166, cf. 74 heading	
94 = 44, 4 a		131, 1 = 241 note		167 = 76	
95 = 40		131, 2 = 210 note		168 = 80	
95, 1 = 178		131, 3 = 170, 3		169 = 81	
95, 2 = 233, 3		131, 4 = 240 note; 244		170 = 87 note; cf. 87 a	
95, 3 = 40		note; 185, 1 ( $-\nu\alpha\iota$ ),		171-2 = 81	
95, 4 = 729, <i>s.v.</i>		<i>q.v.</i>		173 = 83	
95, 5 = 41		131, 5 = 241 note; 129;		174 = 81	
96 = 49		242 note, <i>q.v.</i>		175 = 82	
97 = 50		132 = 184		176, cf. 2 a	
98 = 52		133 = 184, 1		177 = 81	
99, 1 = 53		134 = 129, 2		178 = 82	
99, 2 = 53 note		136-7 = 69		179 = 85	
99, 3 = 53		138, 1 = 69, 1		180 = 85	
100 = 54		138, 2 = 68 a		181 = 86	
102 = 54 note		139 = 149 a; 443; 443 a,		182 = 87	
103-5 = 3		<i>q.v.</i>		183-7 = 88	
106, 1 = 56		140-1 = 70		188, 1 = 83 a	
106, 2 = 59		142 = 71, 4		188, 2 = 85 a	
106, 3 = 58		143 = 70, 1		188, 3 = 87 a	

G	B	G	B	G	B
188, 5 = 84 a		223 = 112		271 = 111 b-c, <i>q.v.</i>	
188, 6 = 84 b		224 = 99		272 = 111	
189 = 89		225 = 101 (lab. and pal.);		273-4 = 105	
190 = 90		102 (ling.); 103 (ling.		275, see lexicon	
191, cf. 90 a		neut.); 104 (liqd.);		276 = 105 a	
192-3 = 90		115, 17 ( <i>δρως</i> )		277, 1 = 105	
194, cf. 78, 2		226 = 106		277, 2 see lexicon	
195 = Pref. p. 3		227 = 106, 1; 107, <i>q.v.</i>		278 = 105	
196 = 92		228 = 106 (neut.); 107		279 = 105 a	
197 = 119		(M. and F.)		280 = 94	
198 = 92, 1		229 = 106		281 = 94, 2	
199 = 92, 3		230 = 114, 1		282 = 94, 3	
200 = 92, 2		231 = 108		283 = 94, 4	
201-2 = 91		232 = 108 a		284 = 94, 1	
203, 1 = 91, 2		233-5 = 120		285, see lexicon	
203, 2 = 91, 3		236 = 106 c		286, 1 = 99 b	
203, 3 = 91, 1		237, 1 = 103, 2; 115, 10		286, 2 = 99 a	
204, 1 = 90 a		( <i>κέρας</i> )		286, 3 = 18 a	
204, 2 = 90 b		237, 2 = 103, 2 a		287, 1-2 = 114, 1	
204, 3 = 90 c		238-9 = 109		288 = 114, 3	
204, 5 = 18 a		240 = 109 a		289 = 114, 2	
205-6 = 93		241 = 113		290, cf. 1	
207 = 93, 1		242 = 112		291, 1, see lexicon	
208, 2 = 110, 4		243 = 113 ( <i>ῥπος</i> ); 112		291, 2 = 98	
208, 4 = 76		( <i>πειθῶ</i> )		291, 3 = 115; 115, 1 a	
209, 1 = 96		244 = 113		291, 4 = 115, 2	
209, 2-3 = 96, 1		245-6 = 112		291, 5 = 95	
209, 4 = 95		247 = 112 a		291, 6 = 102 a	
210, 1, see lexicon		248, see lexicon		291, 7 = 115, 3; 115, 3 a	
210, 2 = 155; 124, 1; see		249 = 110 note		291, 8 = 115, 4	
also lexicon		250 = 110		291, 9 = 114, 1	
210, 3 = 102		251 = 110 note (sing.);		291, 10 = 2 a; cf. 16, 1	
211 = 103, 1 (-αρ-); 103,		110, 3 (plur.)		291, 11 = 115, 6; 115,	
2 (-αρ-)		252-3 = 110		6 a	
212, 1 = 129, 1		254, see lexicon		291, 12, see lexicon	
212, 2 = 131		255 = 110 a-b, <i>q.v.</i>		291, 13 = 115, 8; 115, 8 a	
213 = 106 (-οσ-); 107 (-ησ-);		256 = 110 note		291, 14, see lexicon	
112 ( <i>ῶ</i> )		257 = 110		291, 15 = 102 a	
214, 1-2 = 97		258, see lexicon		291, 16 = 115, 9 a	
214, 3 = 97, 1		259 = 110 e		291, 17, cf. 114, 1	
215, see lexicon.		260 = 110		291, 18 = 115, 12	
216, cf. 115, 17 and lexicon		261, see lexicon		291, 19 = 115, 13	
217, see lexicon		263, 1-2 = 111		291, 20, cf. 290 note and	
218, see refs. below		264 = 111 a		lexicon	
219, cf. 98, 1		265 = 111 note		291, 21 = 115, 14; 115,	
220, 1-2 = 98, 1		266 = 111, 1		14 a	
221, 1 = 98, 1		267 = 111, 2		291, 22, cf. 114, 2 and lexicon	
221, 2 = 104 note		268 = 111; 115, 16 ( <i>οῖς</i> )		291, 23 = 115, 16 a	
222 = 98		269 = 111 note		291, 24 = 114, 2	
		270 = 111 b			



G B	G B	G B
291, 25, see lexicon	(παῦν); 125, 2 (gen. and dat. plur.)	380 = 155
291, 26 = 115, 17	331, 2 = 125 note 1	381 = 153
291, 27 = 115, 18; 115, 18a	332 = 125, 1	382, 1-2 = 153
291, 28 = 115, 20	333 = 129	382, 3 = 154
291, 29 = 115, 21	334-5 = 129; 131 (λελυκώς)	383, 1, cf. 321
291, 30 = 115, 22	336 = 129; 129, 3	383, 2, see lexicon
291, 31, emend to σπέος, σπέος, etc.	337, 1, cf. 125 note 1	384 = 156
291, 32, see lexicon	337, 2 = 131	385 = 156 note
291, 33, see lexicon	338 = 129	386 = 144
291, 34 = 115, 24	339 = 129, 3	387 = 491 note 1
291, 35 = 115, 25; 115, 25a	340 = 130	388 = 144 a; 145 a (dat. plur.)
291, 36 = 115, 26; 115, 26a	341 = 131, 1	389 = 139 (pers.); 140 (αὐτός)
291, 37, see lexicon	342 = 131 note	390 = 139 note
291, 38, cf. 111 and lexicon.	343 = 126	391 = 475, 2
291, 39 = 102 a	344-5, see lexicon	392 = 140, 1
292, 1-2 = 137, 2	346 = 127; 128 (πρόσ)	393 = 139 a (Hm.); 139 b (Hdt.)
293 = 137, 2	347 = 127 a	394 = 139 note 1
295 = 76 a	348 = 128	395, 1 = 139 note 1
296 = 76 note	349, see lexicon	395, 2 = 139 b
297 = 76 c	350 = 132	396 = 139 note 2
298, 1 = 117	351 = 132, 1	397 = 140 a
298, 2 = 117, 1; 118, 2 (ἀπλῆ)	352, see lexicon	399 = 475, 1
299 = 117	353-4 = 133	400 = 43
300 = 117	355 = 132	401-2 = 141; 141, 1 (σαντοῦ, αὐτοῦ, etc.)
301 = 132	356 = 135	403 = 141 a
302 = 117, 2	357, 1-2 = 134	404-5 = 142
303 = 117, 3	358 = 121	406 = 143
304-8 = 119	359 a = 121; 121, 2 (acc. plur.)	407 = 143 a
309 = 119, 2	359 b = 134 a	408 = 143, 1
310 = 118	359 d = 121, 1	409 = 145; 146 (ἐκεῖνος)
311 = 118, 3	360 = 121	410 = 145
312-13 = 120	361 = 136	411 = 146; 146 a (κεῖνος)
314 = 120, 1-2, q.v.	362 = 134 b	412 = 147
315 = 120, 3	363-4, see lexicon	413 = 145 a
316-17 = 121	365-6 = 137	415-17 = 148
318 = 122; 122, 1-2, q.v.	367 = 336	418, 1 = 148, 1
319 = 123, 1	368 = 290 note	418, 2 = 148 a
320 = 123	369 = 138	419 = 140
321 = 123 note	370 = 138, 1	420 = 148 note 2
322 = 123 a	371 = 138, 2	421-2 = 149
323, cf. 123	372 = 152	423 = 144 a (ὄς); 149 a (Hm.); 149 b (Hdt.)
324-5 = 124	374 = 152 a (Hm.); 152 b (Hdt.)	424 = 149 a
326 = 124 note	375-6 = 155	425-6 = 150
327, see lexicon	377 = 155 a (Hm.); 155 b (Hdt.)	427 = 150, 1
328-9 = 125	378 = 155, 1	428, 1 = 150 a
330 = 129		
331, 1 = 125 note 2; 125, 3		

G	B	G	B	G	B
428, 2 = 150 b		477, 3 = 509		521 = 178	
429-30 = 151		478 = 239 (fut.); 246 (aor.)		522 a = 178, 2	
431 = 150 note		479, 1 = 494, 2; cf. 729		522 b = 729, <i>s.v.</i>	
432 = 151 note		479, 2 = 729, <i>s.v.</i>		523 = 178, 1	
433 = 151 a (Hm.); 151 b		480 = 237; 238; 240; 242,		524, 1 = 178, 1	
(Hdt.)		244; 245, <i>q.v.</i>		524, 2 = 178 note	
434 = 151		481 = 241 (aor.); 243 (perf.)		525 = 729, <i>s.v.</i>	
435, see lexicon		482 = 239 (fut.); 246 (aor.		526 = 178, 3	
436-8 = 151		pass.)		527 = 176	
439, 1, cf. 137, 2		483 = 213; 233, 1 a; 199 a;		528 = 729, <i>s.v.</i>	
439, 2 = 41 a		199 e, <i>q.v.</i>		529 = 179	
439, 3, cf. 137, 1		484 = 729, <i>s.v.</i>		530 = 179 a	
440, cf. 137, 1; 431, 4		485 = 237; 240, <i>q.v.</i>		531-2 = 729, <i>s.v.</i>	
441 = 158		486, 1 = 247		533 = 176 note	
442, 1 = 504		486, 2 = 226		534 = 183; cf. 208, 1	
442, 2 = 158, 1		487, 1-2 = 247		535 = 208, 1; 729, <i>s.v.</i> ,	
443-4 = 158, 3		488 = 226		<i>q.v.</i>	
445 = 159; 159, 1-2, <i>q.v.</i>		489, 1-3 = 247		536 = 182	
446 = 159		490, 1 = 247, 1		537, 1 = 172, 2	
447 = 161		490, 2 = 247, 2		537, 2 = 172, 2; 729, <i>s.v.</i> ,	
448 = 161, 1		490, 3 = 247, 3		<i>q.v.</i>	
449 = 162, 1		490, 4-6 = 729, <i>s.v.</i>		538 = 172 note 1; 729,	
450 = 161 note		491 = 729		<i>s.v.</i>	
451, cf. 162, 1		492 = 248-50, <i>q.v.</i>		539 = 172, 2; 172 note 2,	
452 = 166		493 = 199 a-e, <i>q.v.</i>		<i>q.v.</i>	
453 = 166; cf. 167		494, cf. 187		540 = 174	
454 = 167 note 1		495, 1 = 199, 2		541, cf. 18, 5	
455-6 = 162		495, 2 = 199, 2 note		542, cf. 47; 31, <i>q.v.</i>	
457, 1 = 162		496 = 199, 3		543 = 175, 1	
457, 2 = 162, 1		497 = 729, <i>s.v.</i>		544 = 174, 1; 175 note,	
458 = 163		498 = 45		<i>q.v.</i>	
459 = 186		499 = 19		545, cf. 175	
460-1 = 163, 1		500-1 = 200		546 = 175	
462, 1 = 162, 2		502, 1 = 193		547 = 171 a	
462, 2 = 507		502, 2 = 196, 5; 196 note,		548 = 171 b; 176 a, <i>q.v.</i>	
463 = 162, 2		<i>q.v.</i>		549 = 171 a	
464, cf. 237 ff.		504-6 = 251-7, <i>q.v.</i>		550 = 729, <i>s.v.</i>	
465, 1-4, cf. 171 ff.		507 = 220		551 = 166; 166, 1-2, <i>q.v.</i>	
466 = 171; 177, <i>q.v.</i>		508 = 258		552-4 = 167	
467 = 168		509 = 251-7; 729 <i>s.v.</i> , <i>q.v.</i>		556, 1 = 170 note 1; 167 a;	
468 = 170		510 = 174		170 a, <i>q.v.</i>	
469, cf. 237 ff.		511, 1 = 172		556, 2 = 167 note 1	
470 = 236		511, 2 = 173		556, 3 = 167 b	
471 = 729 (λύω)		512 = 171		556, 4 = 167 note 2	
472 = 221, 2		513 = 172		556, 5 = 170 note 1	
473-4 = 236		514 = 172, 1 a		556, 6 = 167; 167 note 4	
475 = 504		515-16 = 173		(impv.)	
476 = 241 (aor.); 243 (perf.)		517 = 729, <i>s.v.</i>		556, 7, cf. 247	
477, 1, cf. 241		518-19 = 173, 1		556 note 1 = 170 note 4	
477, 2 = 504; 515, 1 a, <i>q.v.</i>		520 = 177		557 = 186	

G	B	G	B	G	B
558 = 170		590-1 = 729, <i>s.v.</i>		647-8 = 218, 1 (perf.); 231,	
559 = 169		592-3 = 195, 3		2 (aor.)	
560 = 249; 251, <i>q.v.</i>		594 = 195, 4		649 = 38; 729, <i>s.v.</i>	
561, 1 = 169		595 = 729, <i>s.v.</i>		650 = 186, 2	
561, 2 = 160		596 = 195, 4		651, 1 = 182	
561, 3 = 201 (aor.); 218		597-600 = 729, <i>s.v.</i>		651, 2 = 183	
(1st perf.); 219 (2d		601 = 195, 4 note		652, 1-2 = 729, <i>s.v.</i>	
perf.)		602 = 729, <i>s.v.</i>		653-4 = 190	
561, 4 = 231 (1st); 232		603 = 196, 1		655-6 = 729, <i>s.v.</i>	
(2d); 234 (fut.)		604 = 729, <i>s.v.</i>		657 = 190	
561, 5 = 186		605 a-b = 196, 2		658, 1-3 = 729, <i>s.v.</i>	
562 = 160		606 = 729, <i>s.v.</i>		659 = 729, <i>s.v.</i>	
563 = 168		607 = 196, 4		661 = 186	
564 = 170		608 = 196, 5; 196 note, <i>q.v.</i>		662 = 212	
564, 1 = 170 note 1		609 = 196, 3		663 = 213	
564, 2, cf. 167		610-12 = 729, <i>s.v.</i>		664 = 213 note	
564, 3 = 167 note 3		613 = 197		665, 1-2 = 212, 1	
564, 4, cf. 167		614 = 729		665, 3-4 = 215	
564, 5 = 129, 1		615 = 197, 1		666, 1-2 = 214	
564, 6 = 170 note 3		616-17 = 729, <i>s.v.</i>		667 = 216	
564, 7 = 233		618, cf. 197		668 = 213 a	
565 = 169, 1		619-20 = 193		669 = 201; 206 note (-σϵ)	
565, 1 = 169		621 = 164; 729, <i>s.v.</i>		670 = 205	
565, 2 = 170 note 2		622 = 729, <i>s.v.</i>		671 = 207, note 1; 729, <i>s.v.</i>	
565, 3-4 = 167; 206 note,		623 = 169; 170 note 1, <i>q.v.</i>		672 = 204	
<i>q.v.</i>		624 = 170 note 3		673 = 204 note 2	
565, 5 = 129, 1		625 = Pref. p. 3		674 a-b = 729, <i>s.v.</i>	
565, 6 = 170 note 3		626 = 198		675 = 207	
566, cf. 186		627 = 200		676-7 = 208	
567 = 186; 164 (irreg.)		628 = 167 note 3		678 = 211	
568 = 192		629 = 262( <i>ελμλ</i> ); 265( <i>ῆμαλ</i> )		679 = 170 note 3; 255-7, <i>q.v.</i>	
569 = 193		630 = 170, 4		680-1 = 729	
570 = 193, 1		631 = 254		682 = 218; 221 note (-κϵ)	
571 = 729		632 = 729, <i>s.v.</i>		683, 1 = 222	
572 = 193, 1-2, <i>q.v.</i>		635 = 187		683, 2 = 222 a	
573 = 729		636 = 218, 3; 190, <i>q.v.</i>		684 = 218, 1-4, <i>q.v.</i>	
574 = 193		637 = 170, 1		685 = 729, <i>s.v.</i>	
575, cf. 193, 1-2		638 = 729, <i>s.v.</i>		686 = 218 a	
576 = 194		639 = 188		687 = 219	
577-8 = 729		639 a = 729, <i>s.v.</i>		688, 1 = 219, 3	
579 = 195		639 b = 188, 1		688, 2-3 = 219, 2	
580 = 195, 1		640 = 189		689-91 = 729, <i>s.v.</i>	
581 = 729		641 = 729, <i>s.v.</i>		692 = 219, 1	
582 = 195, 1		642, 1 = 186, 1-2, <i>q.v.</i>		693 = 729, <i>s.v.</i>	
583 = 729, <i>s.v.</i>		642, 2 = 729, <i>s.v.</i> ; 219 note 2		694 = 219, 1 a	
584-5 = 195, 2		(Att. Redpl.)		695 = 221	
586 = 729		643 = 219, 3		696 = 222	
587 = 292, 6		644 = 219, 2		697 = 220	
588 = 195, 2; 195 note 1,		645 = 186, 2; 218, 4, <i>q.v.</i>		698 = 224	
<i>q.v.</i>		646 = 729, <i>s.v.</i>		699 = 224, 1	

G	B	G	B	G	B
700 = 225, 1		748 = 221, 2		784, 4 = 199 e	
701 = 226; cf. 226 a		749, cf. 546		784, 5 = 199 d	
702, 1-2 = 224 note		750, cf. 534-5		785, 1 = 199 a (Hm.); 199 e	
703 = 228		751 = 536		(Hdt.)	
704 = 229; 538 note, <i>q.v.</i>		752 = 258-9; 261-3, <i>q.v.</i>		785, 3 = 292, 2 a	
705-6 = 230		753-4 = 251-4, <i>q.v.</i>		785, 4 = 199 d	
707 = 231; 233 (infl.)		755, 1 = 211; 257, <i>q.v.</i>		786, 1-2 = 199 e	
708-9 = 729, <i>s.v.</i>		755, 2 = 170 note 1		787, 1 = 170, 4 a	
710 = 234		756, 1-2 = 255-6; 260, <i>q.v.</i>		787, 3 = 170 c	
711 = 729, <i>s.v.</i>		757, 1-3 = 245-6; 232; 233, 3, <i>q.v.</i>		787, 4 = 167 a; 167 c, <i>q.v.</i>	
712 = 232; 233, <i>q.v.</i>		758 = 258		787, 5 = 200 c	
713-14 = 729, <i>s.v.</i>		759 = 167		788, 1 = 211, 1 b	
715 = 234		761 = 19		788, 2 = 211, 1 a	
716 = 232, 1-2, <i>q.v.</i>		762 = 167; 19, <i>q.v.</i>		788, 3 = 207 a	
717 = 729, <i>s.v.</i>		763 = 206 note		789 = 729, <i>s.v.</i>	
718 = 166, 3		764 = 242, 3		790 = 200 c	
719 = 160		765, 1-2 = 167		791 = 167 e; cf. also 211 a	
720 = 221, 1; cf. 242-3		766, 1 = 251-63, <i>q.v.</i>		792 = 199 d	
721 = 227		766, 2 = 211		793-804 = 729, <i>s.v.</i>	
722 = 227 note		767 = 255-6; 260, <i>q.v.</i>		806, 1 = 262	
723-4 = 170, 2		768 = 167		806, 2 = 262 note; 262, 1	
725 = 233, 1		769 = 35		note, <i>q.v.</i>	
726 = 258		770-2 = 167		807, 1-4 = 262 a (Hm.);	
727 = 170, 2		773 = 219 a; 729, <i>s.v.</i> , <i>q.v.</i>		262 b (Hdt.)	
728 = 254		774 = 219 a		808, 1 = 261	
729 = 200 note		775 = 167		808, 2 = 261, 1	
730, 1 = 166, 4		776, 1 = 235		808, 3 = 261, 2	
730, 2-3 = 160, 1		776, 2-3 = 235, 2		809 = 261 a (Hm.); 261 b	
730, 4 = 170 note 3		777, 1, cf. 170 note 4		(Hdt.)	
731 = 170 note 2; 169, <i>q.v.</i>		777, 2 = 170 c		810, 1 = 260	
732 = 240		777, 3 = 167 d		810, 2 = 175 note; 260,	
733 = 227 (mid.); 221, 1		777, 4 = 222 a		<i>q.v.</i>	
(act.)		777, 5 = 199 a; 199 e		811, 1 = 260 a	
734 = 227 note		777, 6 = 214		811, 2 = 729, <i>s.v.</i>	
735 = 242-3		777, 7 = 201 a		812 = 263	
736 = Pref. p. 3		777, 8 = 201 b		813, 1-2 = 263 a (Hm.);	
737 = 199 note; 248 ff., <i>q.v.</i>		777, 9 = 233 a		263 b (Hdt.)	
738 = 729, <i>s.v.</i>		778 = 191 b		814 = 265	
739, 1 = 160, 1; 200, 1;		779 = 191 a		815 = 265, 1	
167, <i>q.v.</i>		780, 1 = 160 a		816 = 265.	
739, 2 = 160, 1		780, 2 = 18 a		817 = 265 a	
740 = 170, 3		780, 3 = 233, 1 a		818 = 264	
741 = 170, 4		780, 4 = 167 a; 170 a, <i>q.v.</i>		819 = 264 a (Hm.); 264 b	
742 = 200 note		781, 1 = 240		(Hdt.)	
743 = 254		781, 2 = 167 a		820 = 259	
744 = 211, 2 a		782 = 167 e		821, 1-5 = 259 a-c, <i>q.v.</i>	
745 = 258		784, 1 = 199 a		822 = 268, 1-2, <i>q.v.</i>	
746 = 237; 241; 170 note		784, 2 = 199 b		823-4 = 269	
3, <i>q.v.</i>		784, 3 = 199 d		825, 1 = 270	
747 = 206 note; 240, <i>q.v.</i>				825, 2 = 269 note	

G	B	G	B	G	B
826 = 268, 1		864 = 292, 6		910 = 629; 661, <i>q.v.</i>	
827 = 276		865 = 292, 8 note		911-12 = 317	
828-9 = 273-4, <i>q.v.</i>		866 = 292, 2		913 = 420	
830 = 274 note		867 = 292, 1-4, <i>q.v.</i>		914 = 319	
831 = 272		868, 1 = 293		915 = 318	
832 = 277, 1 (-o-); 277, 2		869-70 = 294		916 = 320	
(-ā-)		871, 1 = 295		917 = 335 a	
833, 1-3 = 278, 1-4; 282,		872, 2 = 295, 1-2, <i>q.v.</i>		918 = 420	
2, <i>q.v.</i>		872 = 295; 295, 2; 297,		919 = 302	
834 = 279, 1-3; 280, 2 (-μo-)		<i>q.v.</i>		920 = 321	
835 = 280, 3		873, 1-2 = 295 note		921 = 315	
836 = 282, 1		874, 1 = 297		922, cf. 499	
837 = 280, 1 (-ματ-); 277,		874, 2 = 295, 1		923, cf. 420	
3 (-εσ-)		875 = 299		924 a-b = 421-2, <i>q.v.</i>	
838 = 281, 1		875, 1 = 299, 1		925 = 423	
841 = 278, 1 (-ευ-); 278, 4		875, 2 = 299, 3		926 = 425	
(-τᾱ-)		875, 3 = 299 a		927-9 = 631; 631, 1, <i>q.v.</i>	
842 = 282, 1-4, <i>q.v.</i>		875, 4 = 299, 4		930 = 661	
843, 1 = 284, 1		876 = 299 a		931 = 631	
843, 2 = 284, 2		877 = 299, 2		932, 1-2 = 424	
844 = 283, 1-2, <i>q.v.</i>		878 = 296		934, cf. 322	
845 = 283		879-81 = 294, 1		935-6 = 443 a	
846 = 285		882, 1 = 298		937, 1 = 317 a	
846, 1-3 = 285, 1-2, <i>q.v.</i>		882, 2 = 298 note		937, 2-4 = 413 a	
848, 1-2 = 286, 1-2, <i>q.v.</i>		883-4 = 300		938, cf. 443 a	
849, 1 = 287, 4		885 = 300 note		939 = 149 b	
849, 2 = 287, 1		886-9 = 300		940 = 443, ad fin.	
849, 3 = 287, 2		890 = 303		941 = 444	
849, 4 = 287, 3		891 = 307-8, <i>q.v.</i>		943 = 446	
850 = 287, 5		892 = 311		944 = 448	
851, 1-2 = 287, 6		893 = 493		945, 1 = 456	
852 = 288, 1 (-εο-); 288, 2		894 = 325		945, 2-3 = 456 note	
(-ιυο-)		895, 1 = 629		946, 1-2 = 445	
854 = 289, 1		895, 2-3 = 630		947 = 445; 148 note 2	
855-6 = 287, 7-9, <i>q.v.</i>		896 = 305		948 = 445	
857, cf. 129; 235		897, 1-5 = 305		949 = 447	
858, cf. 132; 134		898 = 637, 1		950 = 448	
860, 1-3 = 290, 1-4, <i>q.v.</i>		899, 1 = 495		951 = 444	
860, 4 = 137, 2		899, 2 = 498		952, 1 = 451; 1; 429, 1, <i>q.v.</i>	
861 = 291		900 = 500		952, 2 = 424	
861, 1 = 292, 3		901 = 496; 496, 1, <i>q.v.</i>		953-4 = 424	
861, 2 = 292, 2		902 = 497		955, 1 = 636	
861, 3 = 292, 1		903 = 496; 499, <i>q.v.</i>		955, 2, cf. 444	
861, 4 = 292, 4		904 = 501		956 = 449	
861, 5 = 292, 6		905, cf. 486 note		957 = 446 note	
861, 6 = 292, 6		906 = 304		958, cf. 444	
861, 7 = 292, 8		907 = 326		959, 1 = 451	
861, 8 = 292, 9		908 = 320 note; 341, 1,		959, 2 = 452	
862 = 292, 6-8, <i>q.v.</i>		<i>q.v.</i>		960-1 = 451, 1	
863 = 292, 4		909 = 420		962 = 451	

G B  
 963 = 452  
 964 = 452 note  
 965 = 457, 1-3, *q.v.*  
 966, 1, cf. 492  
 966, 2 = 492 note 2  
 967, see lexicon  
 968-70, cf. 452  
 971 = 453  
 972 = 453, 1  
 973 = 453  
 974 = 456  
 975 = 458  
 976 = 456  
 977, 1 = 457, 1-2, *q.v.*  
 977, 2 = 458  
 978, 1-2 = 454  
 979 = 455; 455, 1, *q.v.*  
 980 = 475, 1-2, *q.v.*  
 981 = 443  
 982-3 = 443, 1  
 984 = 443, 2-4, *q.v.*  
 985 = 467  
 986 = 139, 1  
 987 = 468  
 988, cf. 468; 470 a  
 989, 1 = 475, 2  
 989, 2 = 475, 1  
 989, 3 = 475, 3  
 990 = 475 note  
 991 = 475 note 1  
 992 = 471, 1  
 993-4 = 470  
 995 = 471 note 1  
 996 = 471 note 2  
 997 = 473  
 998, 1 = 476  
 998, 2 = 477  
 999, cf. 477 note  
 1000 = 478  
 1001 = 477 note  
 1002, cf. 476; 477; 452  
 1003 a = 479  
 1003 b = 478  
 1004-5 = 481  
 1006 = 326 note  
 1007, cf. 650 note 2  
 1008-9 = 481  
 1011 = 489  
 1012-14 = 490  
 1015, 1 = 491

G B  
 1015, 2 = 491 note 1  
 1016 = 491 note 1  
 1017 = 491 note 2  
 1018 = 148  
 1019 = 483  
 1020 = 314 note  
 1021 a = 463  
 1021 b-c = 464, 1  
 1022 = 464  
 1023, 1-2 = 144 a  
 1024 a-b = 441 a  
 1025 = 487 note  
 1026-8 = 486  
 1029 = 486 note  
 1030, cf. 486  
 1031 = 484, 1  
 1032 = 485-6, *q.v.*  
 1033 = 484  
 1034 = 485  
 1035 = 484, 2; 485 note 1, *q.v.*  
 1036 = 485 note 2  
 1037-8 = 485  
 1039 = 488 note  
 1040-1 = 487  
 1042 = 323  
 1043 = 325  
 1044 = 327  
 1045 = 326 note  
 1046 = 328  
 1047 = 329  
 1048 = 329, 2  
 1049 = 329, 1  
 1050 = 330  
 1051 = 331  
 1052 = 333  
 1053 = 332  
 1054 = 334  
 1055, 1-2 = 333  
 1056 = 340  
 1057 = 333  
 1058-9 = 337  
 1060-1 = 336  
 1062-4 = 338  
 1065 = 339 a  
 1066-8 = 344  
 1069-76 = 340  
 1077 = 341  
 1078 = 341, 1  
 1079, cf. 642

G B  
 1080-1, cf. 320  
 1082 = 340, 1  
 1083 = 347  
 1084 = 348 ff., *q.v.*  
 1085, 1 = 348  
 1085, 2 = 349  
 1085, 3 = 350  
 1085, 4-5 = 352; 352 note, *q.v.*  
 1085, 6 = 356  
 1085, 7 = 355  
 1086 = 352  
 1087 = 358  
 1088 = 354  
 1089 = 355 note  
 1090 = 355  
 1091 = 354  
 1092 = 360 note  
 1093-4 = 348 ff., *q.v.*  
 1094, 1 = 348, 1  
 1094, 2 = 349  
 1094, 3 = 350  
 1094, 4-5 = 352, 1  
 1094, 6 = 365  
 1094, 7 = 355, 2  
 1095-6 = 355, 2  
 1097, 1-2 = 356  
 1098 = 356 note 1  
 1099 = 356  
 1100 = 356 note 1  
 1101, 1-2 = 356  
 1101, 3 = 356 note 2  
 1102 = 356  
 1103 = 356 note 1; cf. 324  
 1104 = 356 note 1  
 1105 = 356  
 1106 = 356; 356 note 1, *q.v.*  
 1107 = 356  
 1108 = 356 note 1  
 1109-11 = 356  
 1112 = 356; 362, 1, *q.v.*  
 1113 = 356  
 1114 = 362, 1; 331, *q.v.*  
 1115 = 362, 1; 377, *q.v.*  
 1116 a = 362, 1  
 1116 b = 642 note  
 1117 = 362, 1  
 1118 = 362 note  
 1119 = 362 a  
 1120 = 364

G	B	G	B	G	B
1121 = 367		1175 = 392, <i>q.v.</i>		1214 = 412	
1122 = 367; 331, <i>q.v.</i>		1176 = 392, 3		1214, 1 = 412, 1	
1123 = 370		1177 = 392, 1		1214, 2 = 412, 2	
1124 = 368; 367; 370, <i>q.v.</i>		1178 = 392, 2; cf. 717, 6		1214, 3 = 412, 3	
1125 = 331		1179 = 394		1215 = 413	
1126-8 = 366		1180 = 394 note		1216 = 414	
1129 = 366 note		1181 = 391 (cause); 389		1216, 1 = 414, 1	
1130, 1-2 = 365		(manner); 387 (means)		1216, 2 = 414, 2	
1131, cf. 372; 354		1182 = 390		1216, 3 = 414, 3	
1132 = 370		1183 = 387 note		1217 = 415	
1133 = 353; cf. 367 note		1184-5 = 388		1218 = 416	
1134 = 366		1186-8 = 380		1218, 1 = 416, 1	
1135 = 353, 1		1189-90 = 392		1218, 2 = 416, 2	
1136 = 359		1191 = 392, 3 note		1219 = 417	
1137 = 358 a		1192-5 = 385		1219, 1 = 417, 1	
1138 = 358		1196 = 384 a		1219, 2 = 417, 2	
1139 = 351		1197 = 384; 76 note, <i>q.v.</i>		1219, 3 = 417, 3	
1140-2 = 351; 355, 1; 357		1198 = 137, 1; 76 note, <i>q.v.</i>		1220 = 418	
362, 2, <i>q.v.</i>		1199 = 398		1221, 1-2 = 346 (acc.);	
1143 = 348, 2		1200 = 418		371 (gen.); 395 (dat.)	
1144, 1-2 = 424		1201, 1-5 = 399		1222, 1 = 398 a	
1145 = 351		1202 = 400		1222, 2 = 298 a	
1146 = 358 b		1202, 1 = 400, 1		1223 = 68	
1147 = 355, 1; 357; 362, 3,		1202, 2 = 400 a		1224, cf. 68	
<i>q.v.</i>		1202, 3 = 400, 2		1225, 1-2 = 398 note 3	
1148 = 360		1203 = 401		1226 = 398 note 3	
1149 = 360; 362, 3; 418		1203, 1 = 401 a		1227 = 398 note 1; cf. 398	
note, <i>q.v.</i>		1203, 2 = 401		note 2	
1150-1 = 362, 3; 418; 418		1204 = 402		1228 = 429	
note, <i>q.v.</i>		1205 = 403		1230 = 503	
1152 = 369		1206 = 404		1231 = 158, 3; 513, 1, <i>q.v.</i>	
1153-4 = 363		1206, 1 = 404, 1		1232 = 493, 1	
1155 = 426 note 2		1206, 2 = 404, 2		1233 = 509	
1156 = 426 note 4		1207 = 405		1234 = 511; 516, <i>q.v.</i>	
1157 = 373-4, <i>q.v.</i>		1208 = 406		1235 = 387	
1158 = 375		1209 = 407		1236 = 515, 2	
1159-61 = 376		1210 = 408		1237 = 516	
1162 = 637, 1		1210, 1 = 408, 1		1238, 1-2 = 516, 1	
1163, see lexicon		1210, 2 = 408, 2		1239 = 512; 515, 2 note,	
1164 = 382; 384 a, <i>q.v.</i>		1210, 3 = 408, 3		<i>q.v.</i>	
1165 = 378		1211 = 409		1240, 1-3 = 512 note	
1166-7 = 382; cf. 377 note 2		1211, 1 = 409, 1		1241 = 513	
1168 = 378		1211, 2 = 409, 2		1242, 1-3 = 504	
1169 = 377 note 1		1212 = 410		1243 = 504	
1170 = 378		1212, 1 = 410, 1		1244 = 504; 504 a, <i>q.v.</i>	
1171 = 381		1212, 2 = 410, 2		1245 = 505	
1172, 1-2 = 382		1213 = 411		1246 = 506	
1173 = 379		1213, 1 = 411, 1		1247 = 509, 1	
1174 = 376; 376 note; 392,		1213, 2 = 411, 2		1248 = 515, 1	
2; 393, <i>q.v.</i>		1213, 3 = 411, 3		1249 = 539	



G	B	G	B	G	B
1250 = 519		1288 = 539; cf. 542 (pres.);		1338 = 567 note	
1250, 1 = 520		545 (aor.); 550 (fut.)		1339-40 = 565	
1250, 2 = 526		1289 = 542, 1		1341 = 566	
1250, 3-4 = 534		1290 = 543		1342-3 = 583	
1250, 5 = 528		1291 = 520, 1		1344 = 585	
1250, 6 = 532		1292-3 = 530		1345 = 582 note	
1250, 7 = 538		1294 = 530 a		1346 = 584	
1251 = 519 note 2		1295, cf. 534		1347 = 584 note	
1252 = 525		1296 = 568		1348 = 576 a	
1253, 1 = 520, 1		1297 = 568 note		1349-50 = 569, 1	
1253, 2 = 526, 1		1298 = 191 b		1351 = 572, 2; 572 note;	
1254 = 533		1299, 1 = 437		cf. 569, 1	
1255 = 523 (pres.); 527		1299, 2 = 438		1352-4 = 583 note 3	
(impf.)		1300-1 = 436		1355-6 = 563 a	
1256 = 521 note		1302, cf. 437-8		1357 = 576 a	
1257 = 524 note; 524 a		1303 = 563 a		1358-9 = 577	
(Hm.)		1304, 1 = 565		1360-1 = 569, 2	
1258 = 522		1304, 2 = 568		1362 = 590; 593 note; <i>q.v.</i>	
1259, 1-2 = 528		1305, 1 = 438		1362, 1 = 590	
1260 = 529		1305, 2 = 563 a		1362, 2 = 593	
1261 = 528, 1		1306 = 605		1362, 3 = 594	
1262 = 536, 2		1307, cf. 439; 678		1363 = 593	
1263 = 535		1308, 1-2 = 671; cf. 678		1364 = 590; 594, <i>q.v.</i>	
1264 = 537		1309 = 647 (infin.); 662		1365 = 590	
1265 = 583 note 1		(partic.)		1366 = 590, note 3	
1266 = 538 note		1310-11 = 439 note 1		1367 = 590, note 2	
1267, 1 = 517		1312 = 439 note 2		1368 = 590 a	
1267, 2 = 677		1313 = 439 note 3		1369-70 = 590	
1268 = 517, 1		1314, cf. 439 note 1		1371 = 590 note 4	
1269 = 674		1315 = 439 note 1		1372-3 = 593	
1270, 1 = 539		1316, cf. 439 note 1		1374 = 593, 1	
1270, 2 = 316		1317 = 562; 576, <i>q.v.</i>		1375 = 593 note	
1271, cf. 539		1318, cf. 519; 553, 1-3		1376 = 590 note 2	
1272, 1 = 539		1319 = 552		1377 = 593 a	
1272, 2 = 519 note 1		1320 = 556		1378 = 594	
1273 = 546		1321 = 555		1379 = 594 note	
1274, cf. 546		1322 = 559		1380 = 594, 1	
1275 = 547		1323 = 557; 558, <i>q.v.</i>		1381 = 600; 600, 1; 600, 1 a	
1276-7 = 548		1324 = 560		( <i>al</i> )	
1278 = 533		1325 = 159, 1; 159, 2 (ver-		1382 = 437-8, <i>q.v.</i>	
1279 = 688		bal)		1383, 1 = 600, 1	
1280 = 551		1326, cf. 552		1383, 2 = 600 note	
1281 = 551, 1		1327-8 = 563		1384, 1-2 = 599, 1-3, <i>q.v.</i>	
1282 = 548		1329 = 563 note		1385-7 = 611	
1283 = 538 note		1330 = 583 note 1		1388 = 599, 3	
1284 = 548; cf. 550		1331 = 563; 563 note, <i>q.v.</i>		1389 = 604; 609, <i>q.v.</i>	
1285, 1 = 551		1332 = 563 a-b		1390 = 602, 602 note 1, <i>q.v.</i>	
1285, 2 = 675 note		1333 = 563 b		1391 = 602 note 2	
1286 = 549, 2		1334 = 565 a		1392 = 612 note	
1287 = 548		1335-7 = 565		1393 = 608	

G B	G B	G B
1393, 1 = 609	1443 = 563 a	1497, 2 = 672-3, <i>q.v.</i>
1393, 2 = 610	1444 = 677	1498 = 674
1394 = 609 note 1	1445-8 = 597	1499 = 675, 3
1395 = 602	1449-51 = 595	1500 = 672-3, <i>q.v.</i>
1396 = 609 a	1452 = 595 note	1501 = 676
1397 = 606	1453 = 596	1502 = 677
1398 = 606 a-b	1454-7 = 595	1502, 1-4 = 677
1399 = 606 b	1458 = 645 note	1503 = 677
1400, 1 = 607	1460 = 596	1504 = 442 note
1400, 2 = 567	1461 = 619 note; 598, <i>q.v.</i>	1505 = 598
1401 = 567 note	1462 = 431	1506 = 598 note
1402, 1-3 = 567, 1	1463 = 618	1507 = 587
1403-4 = 604	1464 = 619	1508 = 587 a
1405 = 602	1465 = 626	1509 = 568 a
1406 = 604 a	1466 = 623 a; 625 a, <i>q.v.</i>	1510 = 587; cf. 558
1407 = 604 b	1467 = 626; 626 a, <i>q.v.</i>	1511-13 = 588-9, <i>q.v.</i>
1408-9 = 605	1468 = 618 a	1514-15 = 588 a
1410 = 548	1469 = 627	1516, 1 = 628
1411 = 605 a	1470 = 627 a (Hm.); 627	1516, 2 = 636
1412 = 606 b	1471, 1-2 = 627	1217 = 635, 637; 637, 1, <i>q.v.</i>
1413 = 614	1472 = 627 a	1518-20 = 638
1414, 1 = 616, 1-2, <i>q.v.</i>	1473 = 623 a	1521 = 641
1414, 2 = 615	1474 = 627 note	1522, 1 = 646
1415 = 616	1475 = 668	1522, 2 = 634
1417 = 616, 3	1476 = 669	1523, 1-2 = 669, 1
1418 = 671	1477, cf. 668	1524 = 671 note
1419 = 602 note 1; 604 note, <i>q.v.</i>	1478, 1, cf. 490	1525 = 646
1420 = 613	1478, 2 = 669, 1 a	1526 = 641
1421, 1 = 602 note 1	1478, 3 = 669, 1 b	1527 = 634
1421, 2 = 612, 1	1479 = 581	1528 = 641; cf. 640
1421, 3 = 612 note	1480 = 677	1529 = 641 note
1422 = 601 note	1481, 1 = 672	1530 = 641
1423-4 = 598, 1	1481, 2 = 673; 675, 2, <i>q.v.</i>	1531 = 645 note
1425 = 618	1482 = 675, 1; 675, 3, <i>q.v.</i>	1532, 1 = 592
1426 = 619; 620, <i>q.v.</i>	1483 = 671	1532, 2 = 641 note
1427 = 619	1484-5 = 670, 2	1533, cf. 642
1428, 1 = 620	1486 = 670, 3	1534-5 = 642, 1
1428, 2 = 438 note	1487 = 672-3, <i>q.v.</i>	1536-7 = 644
1429 = 621 ff., <i>q.v.</i>	1488 = 675 note	1538 = 644 note
1430 = 621	1489, 1 = 676	1539-40 = 644
1431, 1-2 = 625	1489, 2 = 676 a	1541 = 636
1432 = 621	1490 = 673 ad fin.	1542 = 637
1433 = 622	1491 = 578	1543-4 = 638
1434-5 = 623	1492 = 316	1545 = 642
1436 = 624	1493 = 675, 2	1546-7 = 638 (acc.); 639 (gen.); 640 (dat.)
1437 = 623 a; 625 a, <i>q.v.</i>	1494 = 671	1548 = 352, 1 note
1438, cf. 625 a	1495 = 646	1549-50 = 643
1439-41 = 316	1496 = 431 note; 549 note, <i>q.v.</i>	1551 = 643; cf. 642
1442 = 591	1497, 1 = 670, 1; 671, <i>q.v.</i>	1552 = 434

G	B	G	B	G	B
1553 = 433		1600 = 490		1645 = 693	
1554, 1-2 = 644		1601 = 575 note 2		1646 = 686, 1-2, <i>q.v.</i>	
1555 = 636		1602, cf. 320		1647 = 686, 1; 707 note 2.	
1557-8 = 649		1603 = 571, 1; 572, 1-2,		<i>q.v.</i>	
1559 = 650		<i>q.v.</i>		1648 = 706 note	
1560, 1-2 = 650, 1		1604 = 573 note		1649 = 691	
1561 = 650 note 1		1605 = 578		1650 = 694	
1562 = 650, 1		1606 = 574; 579; 574 a;		1651 = 695	
1563 = 652		579 a, <i>q.v.</i>		1652, cf. 698 note 2	
1563, 1 = 653, 1		1607 = 431; 431, 4, <i>q.v.</i>		1653 = 707, 2; 708, <i>q.v.</i>	
1563, 2 = 653, 4		1608 = 431; 431, 2, <i>q.v.</i>		1654 = 696	
1563, 3 = 653, 2 (means);		1609 = 431; cf. 572, 2		1655-6 = 708	
653, 3 (manner)		1610-13 = 431; 431, 1;		1657 = 697	
1563, 4 = 653, 5		432, <i>q.v.</i>		1658-62 = 698	
1563, 5 = 653, 6		1614 = 431 note		1663 = 698 note 2	
1563, 6 = 653, 7		1615 = 434		1664 = 699	
1563, 7 = 653, 8		1616 = 435		1665 = 707, 2; 708	
1563, 8 = 652		1617 a = 435		1666 = 699, 1	
1564 = 653 note 2		1617 b = 434		1668 = 700	
1565 = 653 note 3		1618-19 = 433		1669 = 701	
1566 = 653 note 4		1620 = 683		1670 = 702	
1567 = 653 note 1		1621 = 684		1671 = 702, 1	
1568 = 657; 657 note 1		1622-5 = 679		1672 = 52 a	
(subst. omit.)		1626, 1 = 682, 1 (∪); 682,		1673, 1 = 53 a	
1569 = 658		2 (—)		1673, 2 = 53 b	
1570 = 658 note		1626, 2 = 682, 3 (⊥); 682,		1673, 3, cf. 701, 2	
1572 = 655		4 (⊥)		1674 = 709, 1	
1573 = 656, 2		1627 = 683		1675 = 703	
1574 = 656, 3		1627, 1-4 = 683		1676, 1-3 = 703, 1	
1575 = 656, 1		1627, 5 = 683, 1		1676, 4 = 704	
1576-7 = 656 note		1628, cf. 683		1677 = 703, 2	
1578-9 = 659		1629 = 684		1678 = 703, 2	
1580 = 660		1630 = 685 note		1679 = 707, 1; 707, <i>q.v.</i>	
1581 = 660, 1 note		1631 = 685		1680 = 707 note 1	
1582-3 = 661 note 1		1632, 1 = 682, 3; 682, 4		1681 = 706	
1584 = 652		1632, 2 = 709		1682, 1 = 708, 1	
1585 = 661 note 1; 652 <i>q.v.</i>		1633 = 682, 5		1682, 2-3 = 708, 2	
1586 = 660 note		1634 = 682, 6		1682, 4 = 708, 3	
1587 = 660; cf. 543		1635 = 706		1682, 5-6 = 708, 4	
1288 = 661		1636 = 688; 692 (system)		1682, 7 = 708, 6	
1589 = 634		1637 = 686		1683 = 708, 7	
1590 = 661 note 2		1638 = 687; 688; 688, 1,		1684, 1-3 = 709	
1591 = 669, 3		<i>q.v.</i>		1685 = 709	
1592, 1-2 = 661 note 3		1639 = 689		1686-7 = 710	
1593, 1-2 = 661 note 4		1640, 1-2 = 689, 1		1688, 1 = 711	
1594-5 = 663-4, <i>q.v.</i>		1641, cf. Pref. p. 3		1688, 2 = 711 note	
1596 = 666		1642, 1 = 690		1689 = 714	
1597 = 665-6, <i>q.v.</i>		1642, 2 = 690, 1		1690 = 713	
1598 = 666 note		1643 = 690		1691 = 712	
1599, cf. 665 note		1644 = 682		1692 = 729	

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